



**Ontario Geological Survey
Open File Report 6053**

**Peterlong Lake–Radisson
Lake Area High Density
Lake Sediment Survey: Gold
and PGE Data – Operation
Treasure Hunt**

2001



ONTARIO GEOLOGICAL SURVEY

Open File Report 6053

Peterlong Lake—Radisson Lake Area High Density Lake Sediment Survey: Gold and PGE Data – Operation Treasure Hunt

by

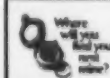
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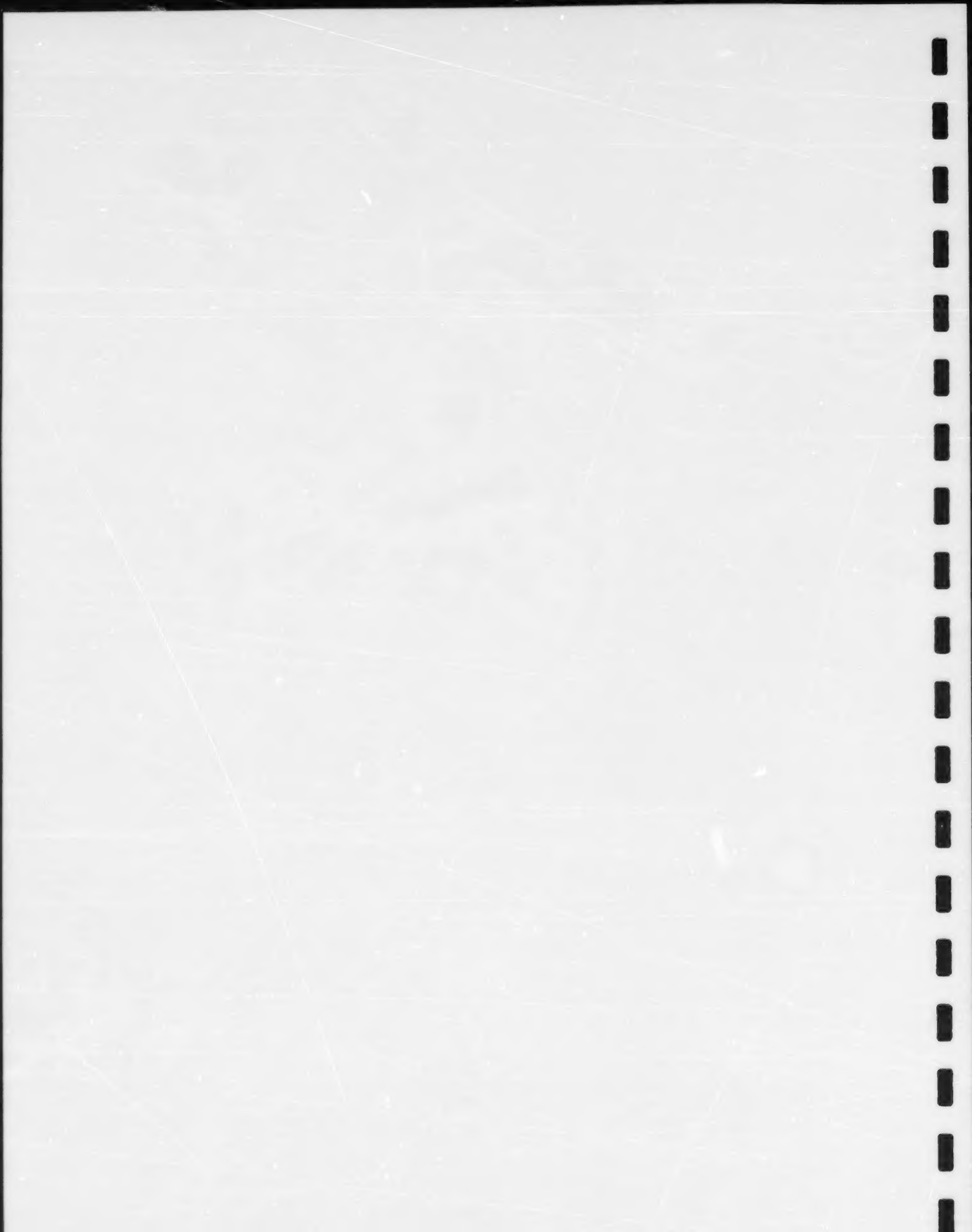
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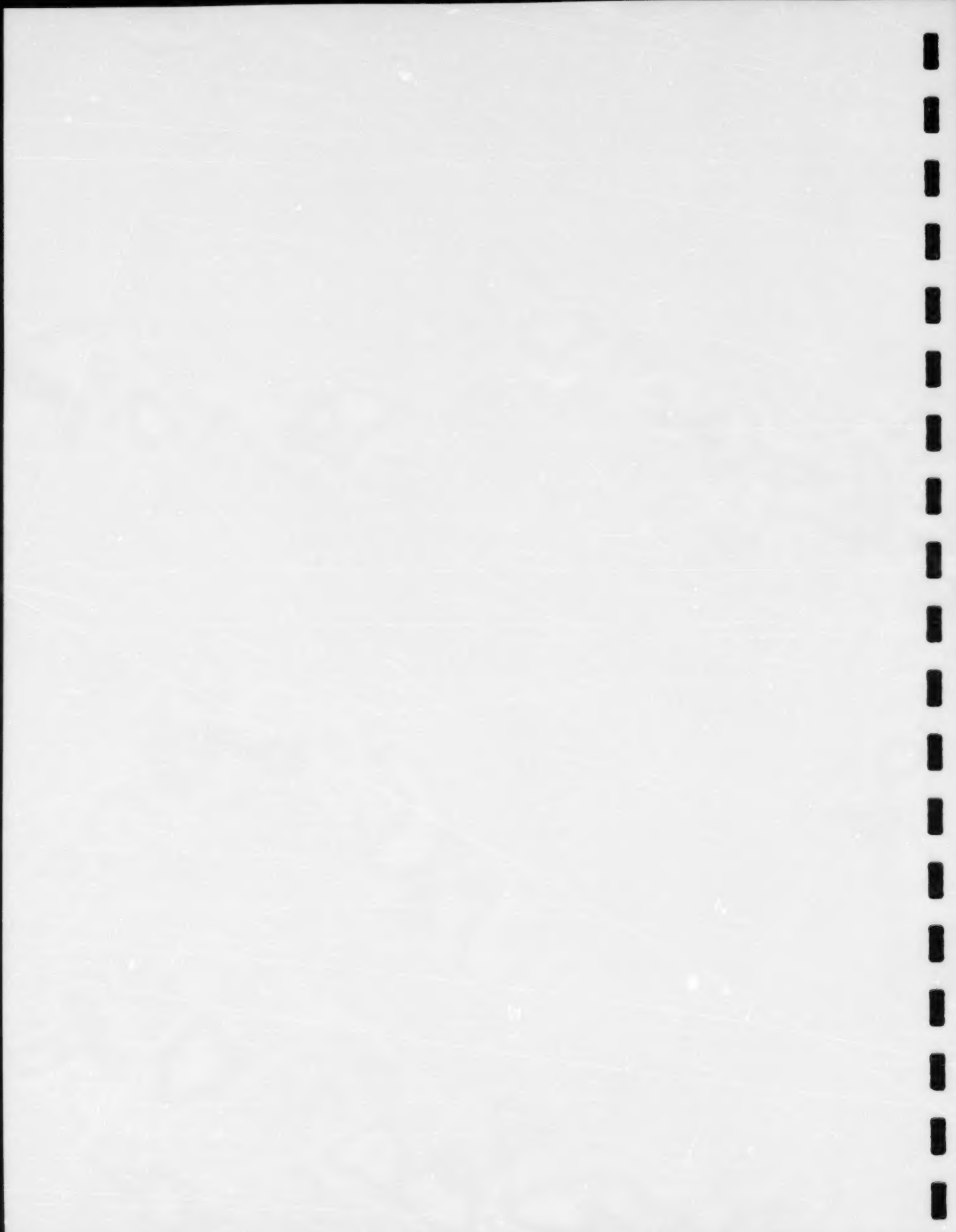
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Abstract

The Ontario Geological Survey carried out a high density lake sediment and water geochemical survey of the Peterlong Lake-Radisson Lake map areas of northwestern Ontario in 1995. The survey is centered approximately 45 km southeast of Timmins, and covers the area represented on National Topographic System (NTS) 1:50 000 scale map sheets 42A/2 and 42A/3. Lake sediment and water samples were collected from a total of 976 lake sites and analyzed for 53 elements. A report outlining the results of these analyses and the results of a simultaneous regional till survey was published in 1996. Under the auspices of Operation Treasure Hunt, archived lake sediment samples from 912 sites were re-analysed for gold (Au) and platinum-group elements (PGEs). Preliminary interpretation of these analyses indicates 20 geochemically anomalous areas, which have been loosely ranked in order of their exploration interest. Digital geochemical data for this report is available separately as Miscellaneous Release Data (MRD-70).



Peterlong Lake-Radisson Lake Area High Density Lake Sediment Survey: Gold and PGE Data – Operation Treasure Hunt

Ontario Geological Survey

**Ontario Geological Survey
Open File Report 6053
2001**

Project supervision by C.L. Baker and R.D. Dyer. Data compilation, interpretation and quality control by D.F. Russell. Review by R.D. Dyer, R.I. Kelly and C.L. Baker.

Manuscript accepted for publication by, and published with the permission of, C.L. Baker, Senior Manager, Sedimentary Geoscience Section, Ontario Geological Survey.

Introduction

During the 1995 field season high density lake sediment and lake water sampling was undertaken within the Peterlong Lake and Radisson Lake 1:50 000 scale NTS map areas. Sampling was carried out as part of a surficial geochemistry program designed to evaluate geochemical responses to mineralization in various sampling media.

The study area is situated along the southern edge of the Abitibi Subprovince, approximately 25 km south of the town of Timmins and 50 km north of the hamlet of Shining Tree (Figure 1).

The results of geochemical analyses of lake sediments and waters for a suite of 53 elements from the original survey has been previously released (Bajc *et al.* 1996). The report also includes the results of a simultaneous till sampling study conducted in the same area. The digital datasets from Bajc *et al.* (1996), portions of which were used in the preparation of this report, have also been previously released (Bajc 1996a, Hamilton 1996a, Hamilton 1996b). The present report contains the results and a brief interpretation of Au and PGE analyses performed on lake sediment samples from 912 sites, as part of Operation Treasure Hunt (OTH). These analyses were performed by a lead fire assay/Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) analytical method.

Regional Setting

BEDROCK GEOLOGY

The bedrock geology of most Townships within the study area has been mapped at a scale of either 1:31 680 or 1:20 000 (Moore 1966; Lovell 1967, 1971; Pyke 1973, 1978a, 1978b; Bright 1984; Jensen 1990, 1992, 1993, 1995; Kresz 1993). The bedrock geology of McKeown, Fripp, Doyle, Musgrove, Hassard, Gouin, Michie, Nordica, Sheba and Dunmore Townships has not been mapped at a detailed scale. With the exception of a narrow, north-trending embayment of Proterozoic metasedimentary rocks, the survey area is largely underlain by Archean supracrustal rocks of the Abitibi Greenstone belt. These rocks include the Bartlett, Peterlong, Bowman, Geikie and Watabeag assemblages (Jackson and Fyon 1991). Three compositional classes of metavolcanics have been recognized. These include: 1) a calc-alkalic suite; 2) a tholeiitic suite, which includes both Fe-rich and Mg-rich end members; and 3) a komatiitic suite. The bedrock geology map (Figure 2) differentiates areas based on dominant compositional class. Large batholiths and stocks of felsic-intermediate composition intrude the supracrustal rocks. The most notable of these are the Kenogamissi and Watabeag batholiths and the Adams, Blackstock, Geikie and Cairo stocks. Numerous syenitic intrusions and dykes, the most notable of which is the Cairo Stock, occur throughout the map area. A large elongate, possibly layered, mafic intrusion, here referred to as the Muskasenda gabbro, occurs in English, Beemer and Bartlett Townships. A north-trending succession of Proterozoic metasedimentary rocks, ranging from 1 to 3 km in width, occurs along the eastern edge of the Peterlong Lake NTS map sheet. A smaller outlier of Proterozoic metasedimentary rocks extend northward into south-central Argyle Township. These rocks belong to the Huronian Supergroup and consist of relatively flat-lying mudstones, wackes and conglomerates of the Gowganda Formation (Cobalt Group).

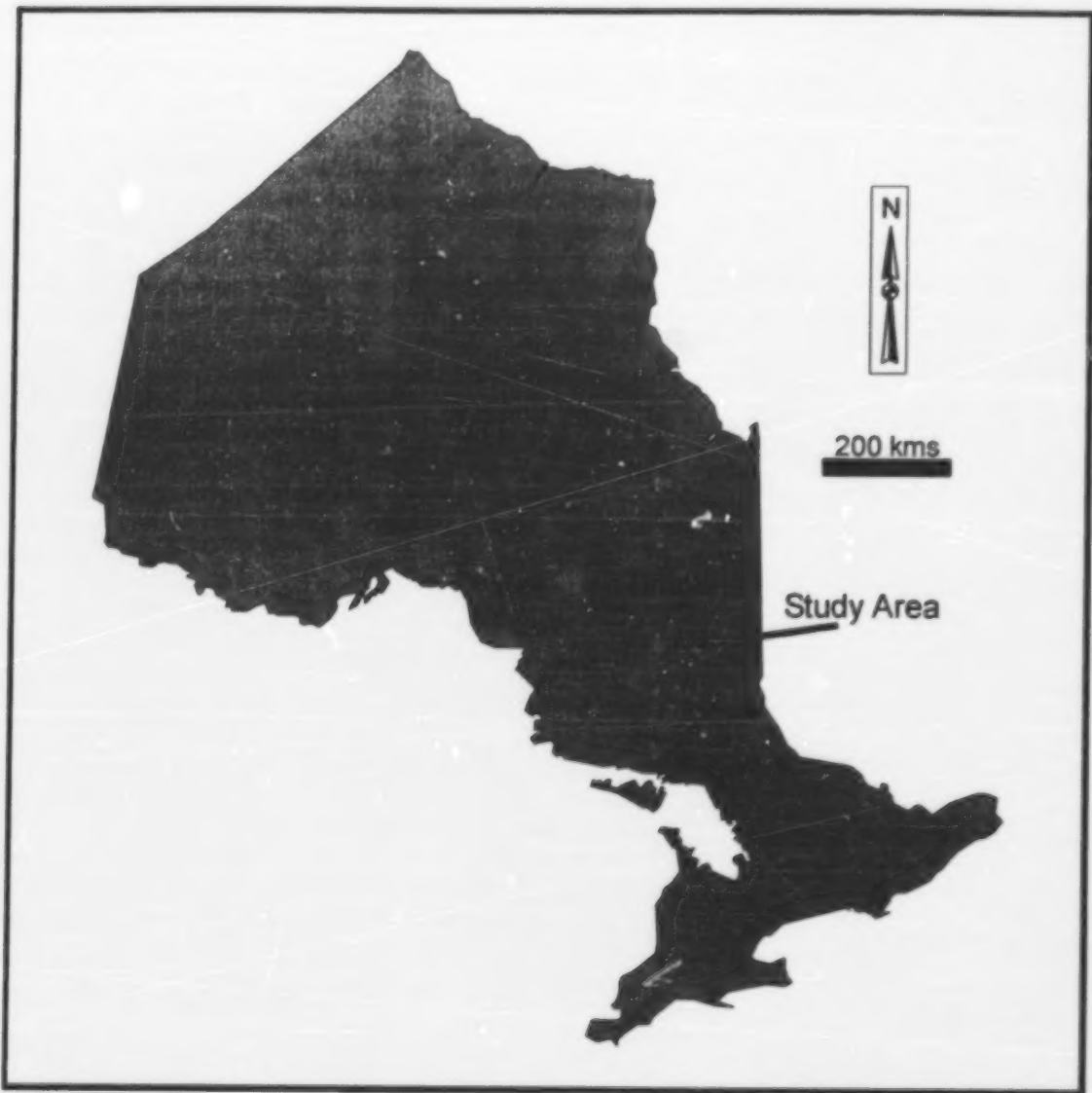


Figure 1. Location map of the Peterlong Lake-Radisson Lake study area.

Although there are presently no operating mines within the survey area, excellent potential for further mineral discoveries, including gold and platinum-group elements, is evidenced by the wide distribution of a large variety of mineral occurrences. This is supported by the occurrence of several past-producing mines in and around the study area and the persistent activities of mineral exploration companies and prospectors over the past decade. A map delineating the approximate position of active claims held within the study area as of December 21, 2000 is shown in Figure 5.

Past producing mines include: 1) the Texmont nickel-copper-platinum group mine, which occurs in komatiitic rocks of the Bartlett assemblage along the boundary of Bartlett and Geikie Townships;

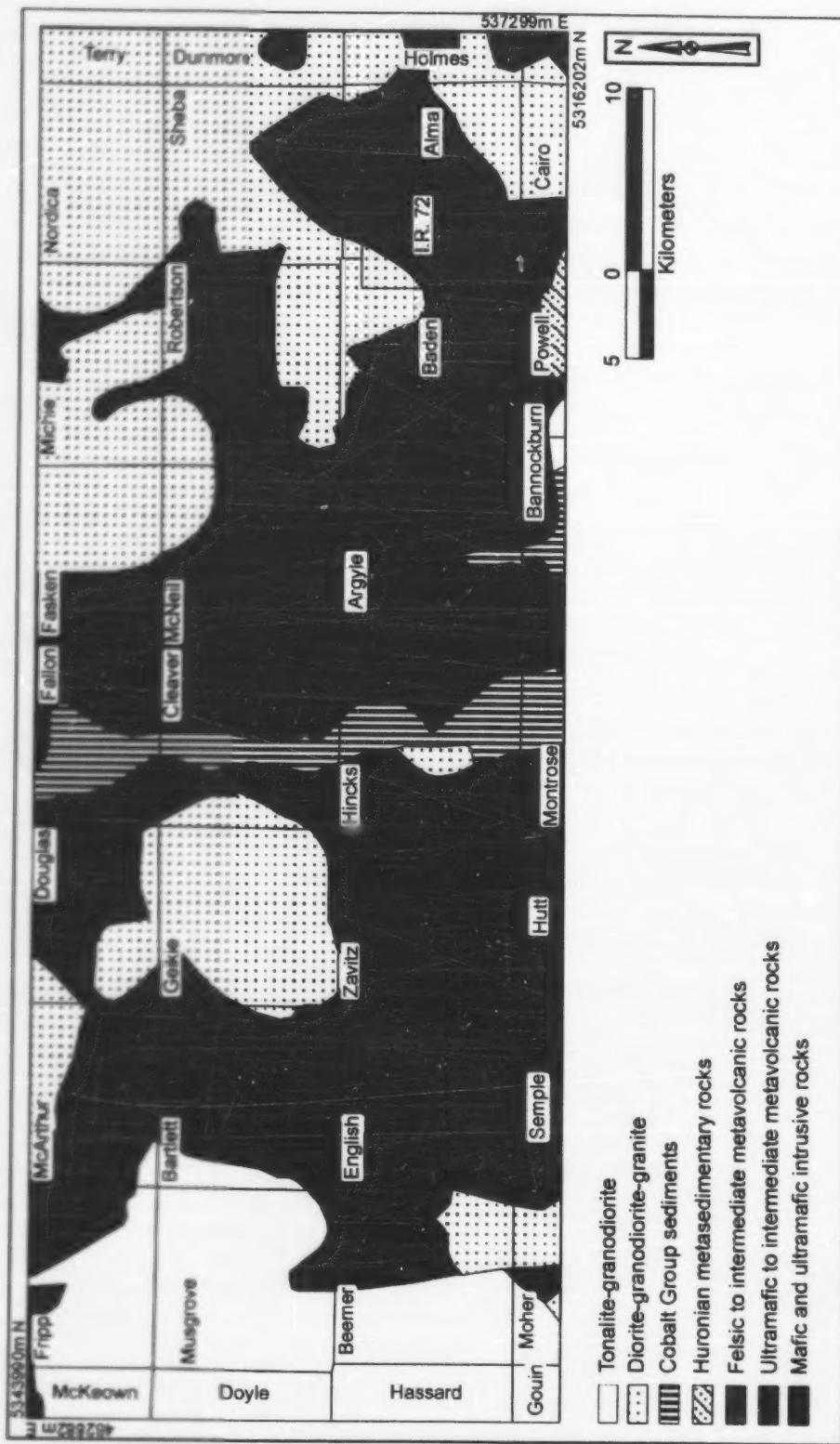


Figure 2. Generalized bedrock geology of the Peterlong Lake-Radisson Lake area. Geology after Ontario Geological Survey (1991).

2) numerous mines associated with the Matachewan gold camp, including the Young-Davidson and the Matachewan Consolidated mines, which are located just south of the map area in Powell Township (Lovell 1967); and 3) the Ashley Gold Mine in northwestern Bannockburn Township, where gold is contained within quartz veins cutting sheared, highly altered, mafic metavolcanic rocks. In central Robertson Township, the relatively recent discovery, by Queenston Mining Incorporated, of base metal mineralization (copper-zinc) contained within felsic volcanic rocks (Jensen 1992) attests to the volcanogenic massive sulphide potential of the area. Recent investigations in Montrose, Bannockburn and Powell Townships have been directed towards the delineation of the western extension of the Larder Lake-Cadillac Break and its splays, a highly prospective zone for gold mineralization (Jensen 1995).

PHYSIOGRAPHY AND QUATERNARY GEOLOGY

A generalized Quaternary geology map for the study area is shown in Figure 3. The most recent detailed Quaternary mapping of the region has been completed at a scale of 1:50 000 (Bajc and Paterson 2000a, 2000b). The area lies within the Abitibi Upland physiographic region (Bostock 1970). It consists largely of a low relief, bedrock-dominated peneplain with isolated, lithologically controlled topographic highs. Locally, glacial landforms add to the relief of the area. Elevations range from 290 to 520 m asl. Steep, north-facing escarpments along the fringes of the Huronian embayment form cliffs up to 75 m high. Relief is generally much less than 15 m within a portion of Fallon, Fasken, Cleaver and McNeil Townships centred on the Nighthawk and Whitefish river drainage basins. In this area, thick, fine-grained glaciolacustrine deposits subdue the local landscape and form a terrain characterized by broad, poorly drained, swampy conditions.

Most upland regions of the survey area are characterized by either bare bedrock or a thin, discontinuous till cover with isolated pockets of thick till. There are, however, areas where extensive till cover masks the underlying bedrock topography. In these areas, the till forms gently undulating ground moraine and, in some cases, fluted till plains. Till was deposited primarily by lodgement and/or meltout processes or as ice-marginal debris flows. It is typically, stony, silty to sandy and contains low matrix carbonate. Compositionally, the till tends to closely reflect the underlying bedrock geology. There are, however, isolated occurrences of fine-textured, stone-poor, carbonate-rich till observed within the survey area. The most notable and extensive area of this facies is located within west-central Musgrove Township and east-central Doyle Township. This highly concentrated carbonate debris was probably derived from the Hudson Bay Lowlands and was transported to the depositional site either englacially or supraglacially, resulting in little to no dilution by local bedrock lithologies. Alternatively, an unmapped outlier of Paleozoic carbonate rocks may exist nearby, in the up-ice direction, within a lake basin or beneath thick drift cover (Bajc *et al.* 1996).

Deposits of glaciofluvial and glaciolacustrine sediments occur in structurally controlled valleys throughout the study area, as well as in broad basinal settings as occur in the Watabeag Lake area and drainage basins of the Nighthawk and Whitefish rivers. Deposits of eolian sand and peat quite often cap the sediment sequence within these areas. The bedrock surface is covered by variable thicknesses of sediment often ranging up to several tens of metres. Till, if present at all, occurs beneath substantial thicknesses of stratified sediment.

For a more comprehensive discussion of the Quaternary deposits within the map area and their depositional history, the reader is referred to the publications of Bajc (1995), Boissonneau (1966), Lee (1979a, 1979b) and Hughes (1960).

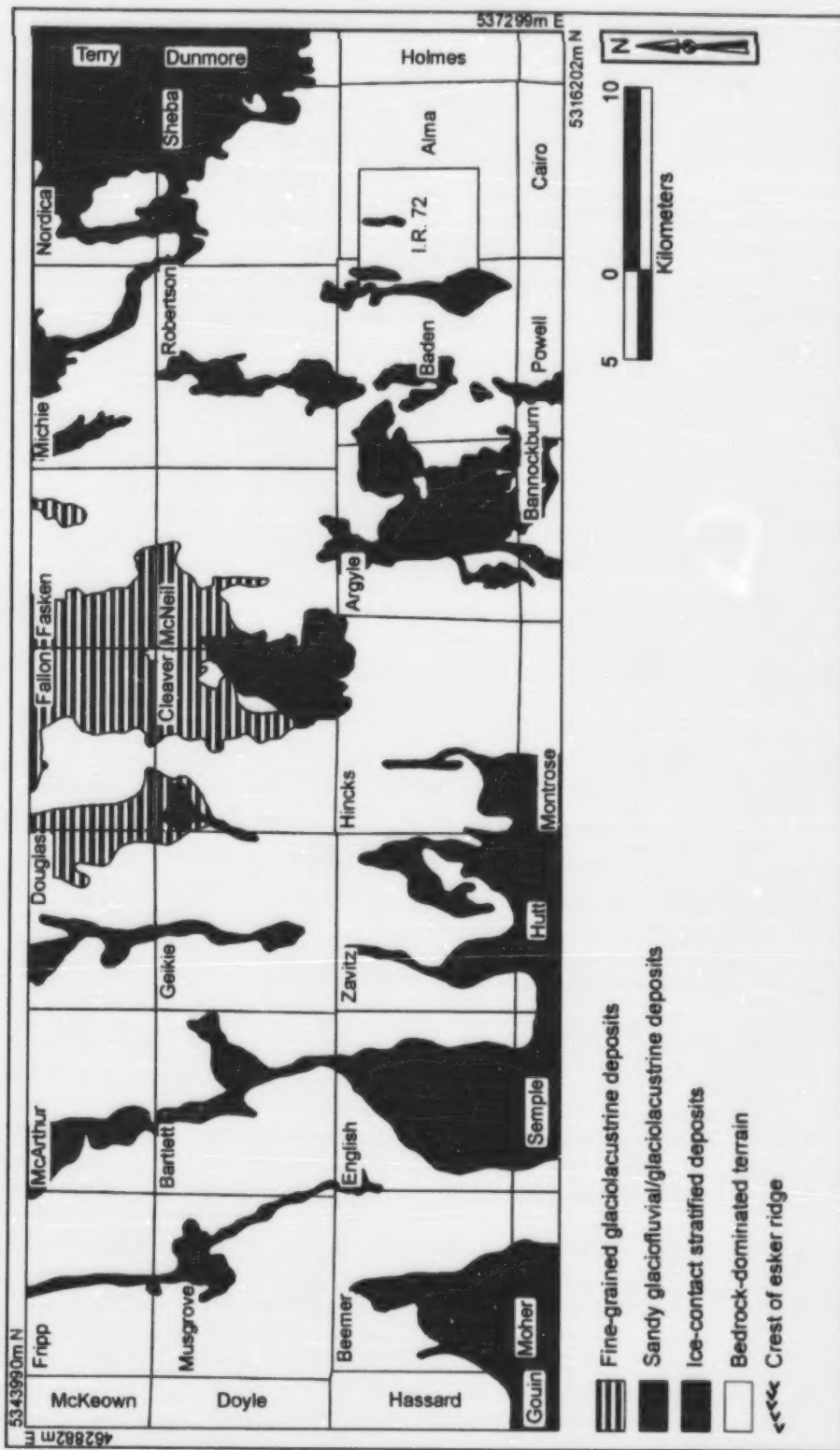


Figure 3. Generalized Quaternary geology of the Peterlong Lake-Radisson Lake area. Geology from Bajc et al. (1996).

Methodology

SAMPLING METHODS

During the 1995 survey, lake sediment and/or water samples were collected at 976 sites for an average density of 1 sample per 2.4 km². Organic lake sediment samples were collected using a 57 mm diameter gravity corer operated from a helicopter float. Standard OGS collection protocols (Fortescue and Stahl 1988) were employed including extrusion and discard of the uppermost 20 cm of core (post-*ambrosia*) in order to avoid anthropogenic influences and diagenetic cycling in the near-surface environment. The remainder was collected and stored in high density polyethylene plastic jars. Sample locations for those samples included in this report are summarized in Appendix B and illustrated on Figure 6 (back pocket).

SAMPLE PREPARATION AND ANALYTICAL METHODS

Original sample preparation included freeze drying, disaggregation using a mortar and pestle, sieving to - 80 mesh (-177 microns) and splitting into 3 portions for analyses by INAA, ICP-MS and ICP-OES. The reports of these analyses can be found in Bajc *et al.* (1996). Loss-on-ignition was determined at 500°C using an automated thermo-gravimetric furnace. A GPS receiver was utilized for navigation and to record accurate sample site positions.

Laboratory analysis on archived material for Au and PGEs was performed by lead fire assay followed by an Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) finish. Sample pulp weights ranged from 3 to 10 gm, depending on the amount of archived material available. Samples from 912 sites were submitted, with the remainder having insufficient material for analysis. In this report, samples with less than 15% LOI were not included in the dataset used for the production of the geochemical dot plots in Appendix A. However, all data has been included in the digital MRD release and in Appendix B.

Samples with 10 gm of material available for analysis had detection limits for Au, Pt and Pd at 3, 0.3 and 0.3 ppb respectively. Samples with lower pulp weights had slightly higher detection limits. For calculation and quality control purposes, all samples were considered to be at the 10 gm level with respect to detection limits.

Quality Control (QC) Results

Quality control of the lake sediment analyses was monitored using sample pulp duplicates taken randomly throughout the sample sequence. Table 1 contains data for the median, range and estimates of precision for the elements analyzed, based on a sample of 47 duplicate pairs. Analytical precision for Au, Pt and Pd was determined by plotting duplicate pairs data on an X-Y chart and determining the variation of 95% of the data from a 1:1 ratio. The precision of Au (± 2 ppb), Pt (± 0.5 ppb) and Pd (± 0.5 ppb) are considered excellent for this analytical method. It should be noted that the number of analyses returned below the method detection limit for Au was 93.7% of all samples. With such a large portion of the data below detection limits, it is difficult to maintain a high level of control over the data set, and as such this precision estimate should be used with caution. Owing to the relatively small number of Au samples which returned measurable values, readers are referred to Bajc *et al.* (1996) for a more complete assessment of Au in the study area. A complete listing of all the geochemical data used in the preparation of Table 1 is available in MRD-70, published separately from this report.

The interval cutoffs used in the production of the geochemical dot plots (Appendix A) takes into consideration the precision estimates in Table 1 so as to provide the most meaningful geochemical signatures for focusing exploration efforts and avoiding false anomalies.

Table 1. Summary of Au and PGE data sets including estimates of precision.

Element	Analytical Method ¹	Units	MDL ²	Median ³	Range ³		Estimated Precision ⁴
					Min	Max	
Au	FA/ICP-MS	ppb	3	<3	<3	132	±2
Pd	FA/ICP-MS	ppb	0.3	0.6	<0.3	12.3	±0.5
Pt	FA/ICP-MS	ppb	0.3	0.7	<0.3	3.3	±0.5
Ir	FA/ICP-MS	ppb	0.3	<0.3	<0.3	1.3	NA ⁵
Rh	FA/ICP-MS	ppb	0.3	<0.3	<0.3	1.3	NA
LOI	Grav.	%	0.01	46.26	1.28	92.92	NA

¹FA = Fire Assay; ICP-MS = Induced Coupled Plasma – Mass Spectrometry

²MDL = Method detection limit

³n = 912 (does not include pulp duplicates)

⁴Estimated precision at 95% confidence level; FA/ICP-MS elements based on results of 47 duplicate pairs.

⁵Ir and Rh data are also provided, but are considered semi-quantitative only

Results

Proportional dot maps for Au, Pt, Pd and LOI are plotted on a generalized bedrock geology map of the study area and are presented in Appendix A. Lake sediment geochemical data for Au, Pt, Pd and LOI are contained in Appendix B. Data for Rh and Ir are included as well, but are considered semi-quantitative and are not considered in the following discussion. The selection of anomalous areas was determined by the presence of significant lake sediment geochemical results for this data set. Local variations in geology can cause background levels of certain elements to be elevated, resulting in what appear to large-scale anomalies. As such, the anomalies discussed below represent those which are of greatest interest in their respective areas. This discussion is not exhaustive, and the reader is encouraged to undertake further investigation.

A total of 20 multi- and single-element anomalous areas have been defined (Figure 4) and are discussed in the following section. Of note, lake sediment samples with LOI values of less than 15% have not been included on the proportional dot maps, but are included in MRD-70 and Appendix B. Elemental concentrations of Pd and Pt exceeding the 90th percentile of the data set are defined as "elevated" and concentrations exceeding the 98th percentile are defined as "anomalous". Elemental concentrations of Au exceeding the 98th percentile of the data set are defined as "elevated" and concentrations exceeding the 99th percentile are defined as "anomalous". Gold anomalies must be viewed with caution because the "nugget" effect can result in high apparent concentrations which are not proximal to a source of gold. In addition, the FA/ICP-MS method can result in spurious values due the flux used in the analytical process.

Unless otherwise stated, references to associated anomalies in Au, Cu and Ni are from Hamilton (1996a, 1996b) and as reported in Bajc *et al.* (1996). The Au data from these sources was produced by the Instrumental Neutron Activation Analysis (INAA) method (considered to be a more consistent method to FA/ICP-MS), Cu by Inductively Coupled Plasma-Optical Emission Spectroscopy (ICP-OES) and Ni by ICP-MS. Readers are referred to Bajc *et al.* (1996) for further details.

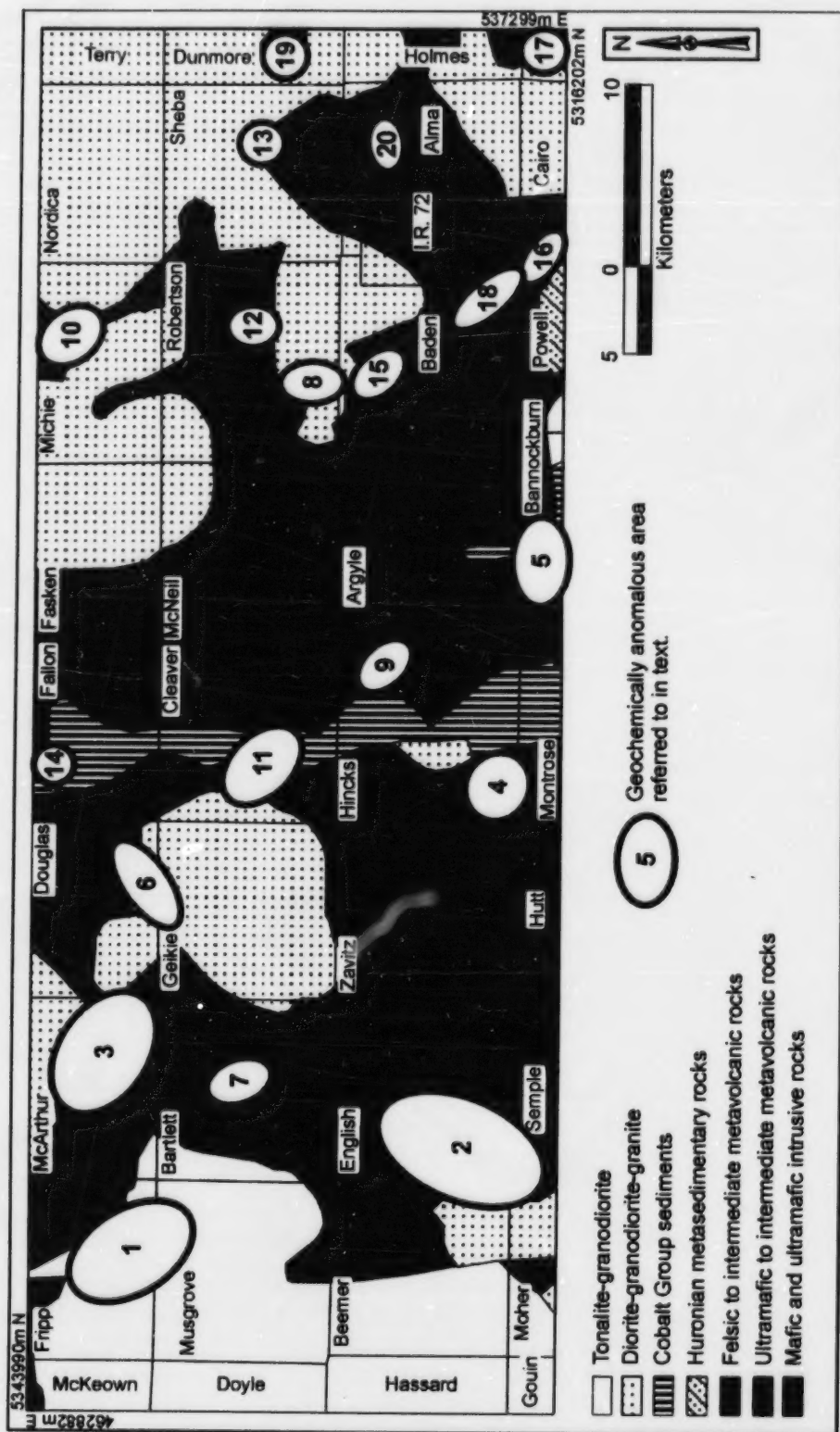


Figure 4. Location of geochemically anomalous areas.

As of December 2000, many of the areas discussed in this report were open for staking. The approximate state of land tenure for the study area is shown in Figure 5. Readers are referred to the regional Mining Recorder's Office for a precise description of the availability of land for staking. The site locations for the samples included in this report are shown on Figure 6 (back pocket).

DESCRIPTION OF ANOMALOUS AREAS

Area 1: Bruce Lake-Jules Lake Area – Pd, Pt, $\pm$ Au

A total of 4 sites in this area show elevated to anomalous values for Pd and Pt. Two of these sites also show interesting potential for Au mineralization. Sites 402 and 403 have elevated Pd (3.6 and 2.7 ppb) and anomalous Pt (both 2.2 ppb); site 404 has anomalous Pd (8.8 ppb) and elevated Pt (2.0 ppb); site 413 in the southeastern end of the area has anomalous values for both Pd and Pt (6.9 ppb and 2.7 ppb). All of these sites have corresponding anomalies in both Cu and Ni. Lakes 404 and 413 also report Au values of 3 ppb each. While this value is not significant in this dataset, Bajc *et al.* (1996) report Au anomalies in till samples for this area. In addition, reconnaissance mapping for the area (Pyke 1978b) shows sulphide mineralization and iron formations in the vicinity of site 413, suggesting that this area may warrant further investigation.

This anomaly is underlain by gneissic diorite and tonalite containing large xenoliths of peridotitic komatiite (Pyke 1978b). The elemental association of elevated Cu and Ni suggests derivation from silicate minerals or possibly magmatic sulphides associated with the ultramafic rocks. Northwest trending faults cut through the anomaly suggesting a possible structural control on gold mineralization.

As of December 2000, much of this area had been staked.

Area 2: Ferrier Lake Area – Pd, Pt, $\pm$ Au

This north-south trending anomaly is rather diffuse, with a total of 9 sites returning elevated to anomalous values of Pd and/or Pt. An additional 2 sites report anomalous and elevated values for Au. Site 144 at the southern end of Muskasenda Lake has elevated Pd (2.2 ppb) and weakly elevated Pt (1.6 ppb), with associated elevations in Cu. There is a Cu occurrence reported on the shore to the northwest of this site, and sulphide mineralization to the southwest (Pyke 1978b). Site 145 contains elevated values in both Pd and Pt (3.5 ppb and 1.9 ppb), with an associated elevation in Ni.

To the south, Ferrier Lake hosts a number of anomalies. Sites 32, 146 and 149 are anomalous in both Pd and Pt (5.0, 4.4 and 5.5 ppb in Pd; 2.8, 2.7 and 3.3 ppb in Pt). Site 31 is elevated in Pd (3.3 ppb) and anomalous in Pt (2.2 ppb). Site 37 is elevated in Pd (3.4 ppb). A smaller lake to the south (site 34) which feeds into Ferrier Lake is elevated in Pd and Pt (3.5 ppb and 1.9 ppb). Site 36, located to the west of Semple Lake, also shows elevated Pd and Pt (3.0 ppb and 1.9 ppb). Associated base metal anomalies in this area are strongest in Cu (sites 31, 32, 34, 144 and weakly in 149), with Ni anomalous in sites 31 and 32 and elevated in 34, 36 and 145.

West of Ferrier Lake, site 25 returned an Au value of 7 ppb. This lake is located at the southern tip of the Muskasenda Fault and is in an area mapped as granodiorite by Pyke (1978b). There are reported Au showings several kilometres to the north (Muskasenda Lake) and northwest (Telluride Lake), but till cover in the area is sparse, and Au dispersal trains are not likely to extend this far (A. Bajc, Ontario Geological Survey, personal communication 2001).

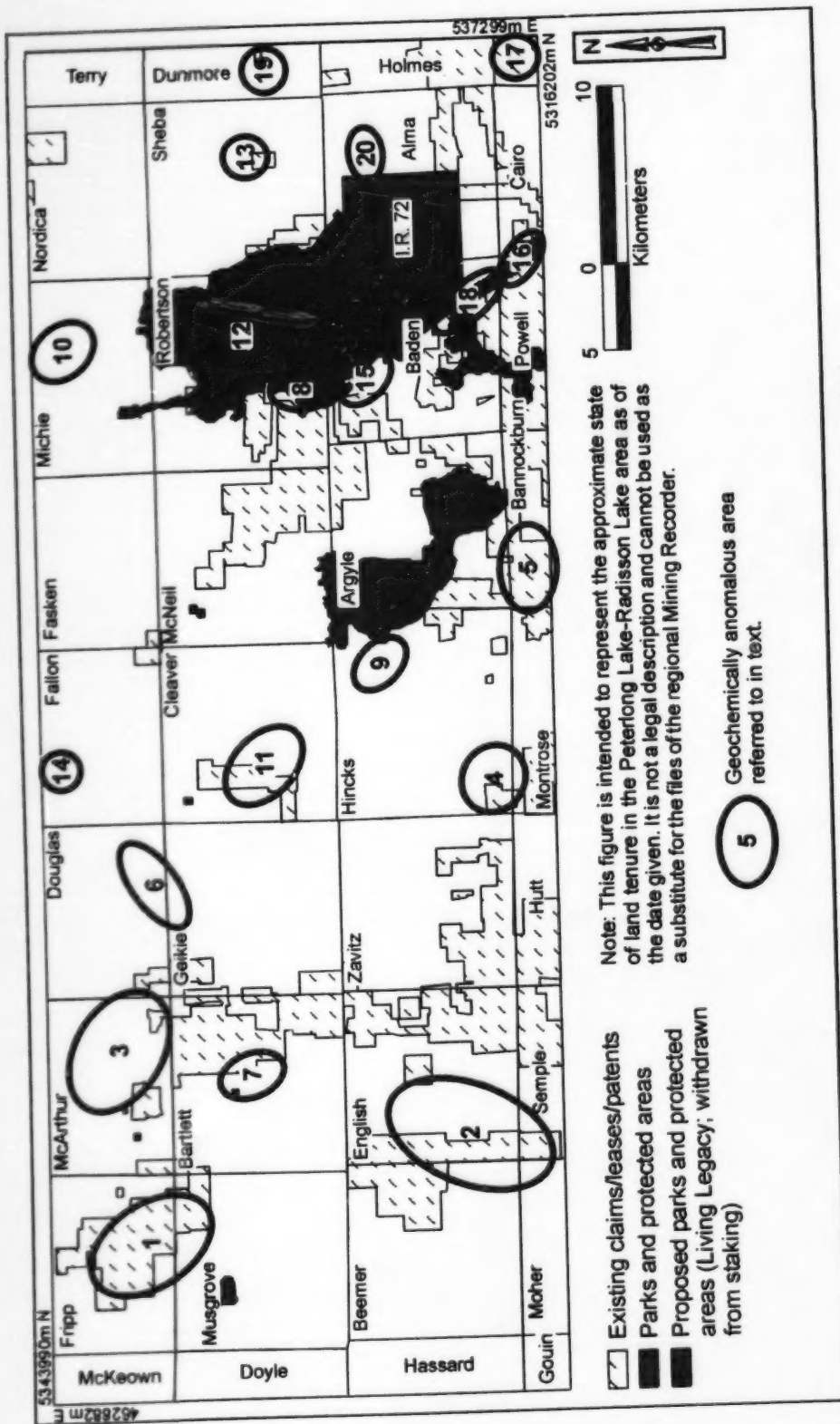


Figure 5. Approximate state of land tenure of the Peterlong Lake-Radisson Lake area as of December 21, 2000.

Caution should be exercised when interpreting this result. Another lake (site 164) shows an elevated value of Au for this dataset (6 ppb). This area is underlain by the intermediate to felsic metavolcanic rocks and interbedded iron formations of the Bartlett formation. This anomaly is not corroborated in either the till or lake media datasets of Bajc *et al.* (1996), though it may be related to a local iron formation. While there is favourable geology, the lack of correlation with the original dataset suggests that readers exercise caution with the interpretation of this result.

As of December 2000, much of this area was staked, while portions have been removed from staking.

Area 3: McArthur Lake Area – Pd, Pt, $\pm$ Au

A total of 6 sites in this anomaly contain elevated to anomalous levels of Pd and Pt. Two of these sites also contain low levels of Au which can be correlated to known showings in the vicinity. Site 487 is elevated in Pd and Pt (3.7 ppb and 1.8 ppb) and site 488 is elevated in Pd (3.8 ppb) and anomalous in Pt (2.3 ppb). Both sites have Cu and strong Ni anomalies. To the southeast, sites 437 and 439 are elevated in Pd (3.0 ppb and 2.8 ppb) with highly anomalous levels of Ni. Site 436 is anomalous in Pd and Pt (5.1 ppb and 2.6 ppb respectively) with highly anomalous Ni, and site 440 is elevated in Pd and Pt (3.8 ppb and 1.9 ppb), also with highly anomalous Ni levels. Both of these sites also reported Au results (4 ppb and 3 ppb respectively) which are within background levels considering the ± 2 ppb precision of the dataset. These results may be significant considering their correlation with known showings in the McArthur Lake area (Pyke 1978a). These anomalies are located several kilometres to the north and northwest of the past-producing Texmont Ni-Cu-PGE mine. The area is underlain by northeast facing komatiitic volcanic rocks of the Bowman assemblage and their lower contact with intermediate to felsic calc-alkalic rocks of the Bartlett assemblage to the southwest. Most of the elevated elements can be attributed to their high concentrations in silicate minerals in the komatiites and to localized Ni-Cu sulphide mineralization of magmatic origin associated with the komatiites.

As of December 2000, much of this area was open for staking.

Area 4: Ashley Mine Area – Pd, Pt, $\pm$ Au

This anomaly consists of 4 sites located to the east of the past producing Ashley gold mine in northwestern Bannockburn Township (no lakes are present in the area of the mine). Site 523 is anomalous in Pd (5.8 ppb) and Pt (2.7 ppb), with anomalous Cu-Ni. This site also shows elevated Au (5 ppb) for this dataset. Bajc *et al.* (1996) report an anomalous gold value at site 522, slightly to the northeast. Site 1122 is elevated in Pd and Pt (2.0 ppb and 1.7 ppb) with an associated Cu elevation. Sites 523 and 1122 lie along a line subparallel to the northwest trending structures in the area. Sites 519 and 520 (southwest and northeast, respectively, of sites 523 and 1122) are elevated in Pd only (3.8 ppb and 3.4 ppb respectively), but contain background levels of Cu and Ni suggesting that the anomaly may, in part, be structurally controlled.

The area is underlain by Fe-rich tholeiitic basalt lava flows. Gold is hosted by 1 to 10 m wide, pyrite- and arsenopyrite-bearing zones of ankerite replacement in basalt, flanked by broader zones of calcite alteration spatially associated with narrow northwest trending fractures and numerous narrow syenite porphyry dykes.

As of December 2000, much of the area was staked, with some open land to the east of site 523.

Area 5: Southern Austen Lake Area – Pd, Pt

Four closely spaced lakes make up this anomaly. Sites 90 and 91 are elevated in Pd and Pt (3.6 and 3.0 ppb Pd, 1.8 ppb each in Pt), site 95 is elevated in Pd only (3.4 ppb), and site 96 is anomalous in both Pd and Pt (12.3 ppb and 2.6 ppb respectively). There is a Cu-Ni anomaly at site 91 and a Ni anomaly at site 96. Jensen (1995) shows the bedrock in this area to be calc-alkalic intermediate to felsic rocks of the Bartlett assemblage overlain by basaltic komatiite and Mg-rich tholeiitic basalt of the Bowman assemblage to the north. Peridotite bodies locally intrude the calc-alkalic succession.

Much of this area was open to staking as of December 2000.

Area 6: Banana Lake-Swamp Lake Area – Pd, Pt

Two sites in this area are of interest. Site 444 is elevated in Pd (2.6 ppb) with strong anomalies in Cu and Ni. Site 450 contains elevated Pt (1.8 ppb), also with strong Cu-Ni anomalies. The anomaly is largely underlain by mafic (tholeiitic) volcanic rocks of the Geikie assemblage dated at 2703 Ma (Jackson and Fyon 1991). The volcanic rocks are metamorphosed to amphibolite facies and cut by small granodiorite and syenite intrusions, in turn cut by northwest- and east-trending diabase dykes. Mineral occurrences within this area contain chalcopyrite and molybdenite disseminations within narrow quartz-carbonate veins (Pyke 1978a) suggesting the anomalous base metal concentrations in this area are related to "porphyry-style" mineralization.

This area was fully open to staking as of December 2000.

Area 7: Mountjoy Creek Area – Pd, Pt

Two lakes in this area make up a Pd-Pt anomaly. Site 352 is anomalous in Pd (4.3 ppb) and elevated in Pt (2.0 ppb), and site 353 is elevated in both Pd and Pt (3.7 ppb and 1.8 ppb). Neither site contains Cu-Ni anomalies, but the results are corroborated by replicate analyses and Cu anomalies in till samples (Bajc *et al.* 1996). This anomaly is underlain by a layered gabbro of the Muskasenda sill, which was emplaced along the contact between intermediate to felsic composition calc-alkalic volcanic rocks of the Bartlett assemblage to the east and tholeiitic volcanic rocks of the Peterlong Lake assemblage to the west (Pyke 1978b). The elevated Cu in till of this area may reflect localized concentrations of magmatic sulfide, disseminated sulphides or silicate minerals in the gabbro and volcanic rocks.

As of December 2000, portions of this area were available for staking.

Area 8: Robertson Lake – Pd, Pt

This anomaly consists of 2 sites on Robertson Lake. Site 751 is elevated in Pd and Pt (3.9 and 1.9 ppb respectively) with a slight elevation in Ni. The Pd-Pt result is supported by replicate analyses. Site 752 is anomalous in both Pd and Pt (6.5 ppb and 2.9 ppb), with an elevated level of Cu. Both sites are located along a major north-trending regional fault in an area which straddles the boundary between Fe-rich tholeiites and dioritic and quartz dioritic intrusive rocks.

As of December 2000, this area was removed from further staking as a conservation reserve under the Ontario Living Legacy program. Site 752 is located within a claim block which had been staked prior to the conservation reserve designation.

Area 9: McWilliams Lake Area – Pd, Pt

McWilliams Lake (site 595) returned a Pd result of 2.7 ppb, and has a reported Ni anomaly. Site 775 to the northwest is anomalous in both Pd and Pt (4.3 ppb and 2.2 ppb), and contains Cu and Ni anomalies. These 2 anomalies parallel the regional northwest trending fault system, and are underlain by calc-alkalic intermediate volcanic rocks.

This area was open to staking as of December 2000.

Area 10: McPhail Lake – Pd, ±Pt

Sites 975, 976, 978 and 979 contain elevated levels of Pd (3.4 ppb, 2.6 ppb, 3.1 ppb and 2.1 ppb). Site 979 also contains anomalous Pt (2.5 ppb) and has reported Cu and Ni anomalies. One till sample from Bajc *et al.* (1996) also contains anomalous amounts of Cu. This area is underlain by a succession of north-striking, Fe-rich tholeiitic basalts extending north from Robertson Township. The basalts are surrounded by granodiorite stocks in Michie Township. Base metal-bearing sulphides remobilized by hydrothermal solutions associated with the emplacement of felsic intrusive rocks may account for the observed geochemical patterns.

This area was open to staking as of December 2000.

Area 11: Little Night Hawk Lake Area – Pd, Pt

This is a single anomaly located at site 386. Pd and Pt are elevated (2.2 ppb and 3.3 ppb), with weak elevations in Cu and Ni. This site is located adjacent to a known Pb-Zn-Ag mineralized area, and small ultramafic intrusions are present in the vicinity. The anomaly overlies felsic calc-alkalic and Fe-rich tholeiitic volcanic rocks intruded by massive to porphyritic granodiorite of the Geikie stock to the west. A major east-trending shear zone with quartz carbonate veins containing galena, chalcopyrite and pyrite (Paymaster prospect) separates the felsic calc-alkalic rocks from tholeiitic basalts to the south. Sulphide-bearing graphitic argillite units, enriched in Pb, Zn and Ag, occur in the calc-alkalic pyroclastic units north of the fault, and auriferous, pyrite-bearing, syenite dykes occur within the shear zone.

As of December 2000, the immediate area was staked. Land to the east and west of the anomaly were open to staking.

Area 12: Northeast of East Whitefish Lake – Pt, Pd

The anomaly in this area is from 2 lakes. Site 849 is elevated in Pd and Pt (3.1 ppb and 1.9 ppb), and site 851 is elevated in Pt only, with a value of 1.8 ppb. Site 849 also shows a slight elevation in Cu. These 2 anomalies parallel the regional north-trending fault pattern. They are located in an area underlain by calc-alkalic and tholeiitic metavolcanic rocks which have been extensively intruded by diabase dykes.

As of December 2000, this area was removed from staking as a conservation reserve under the Ontario Living Legacy program. Site 849 is located within a claim block which had been staked prior to the conservation reserve designation.

Area 13: Upper Kenaja Lake Area – Pd, Pt

This is a single site anomaly. Site 872 shows elevated values in both Pd and Pt, with 2.0 ppb for each, as well as reported anomalous Cu. This site is located in an area of mafic metavolcanic rocks with a number of north-trending regional magnetic anomalies which parallel, and are likely related to the north-trending diabase dykes in Roberston Township to the west.

Some staking was recorded to the south of this site as of December 2000, but much of the area was still open at that time.

Area 14: Fallon Area – Pd

Site 499 shows an elevation in Pd only (2.5 ppb) with Cu and Ni anomalies as well. Bajc *et al.* (1996) report Ni-Cr anomalies in till through this area. This anomaly is believed to be underlain by Mg-rich tholeiitic basalts intruded to the north by a diorite stock (Pyke 1973). Comparable volcanic rocks in northern Cleaver Township contain units of peridotitic and basaltic komatiite (Jensen 1995). The anomalous lake sediment site appears to lie on the contact between the metavolcanic rocks and the sediments of the Huronian Supergroup.

As of December 2000, this area was open for staking.

Area 15: Northern Matachewan Lake – Pd, Pt

This anomaly is made up of 3 sites at the northern end of Matachewan Lake. Sites 757, 763 and 646 are elevated in Pd (3.1 ppb, 2.5 ppb and 2.6 ppb). Site 646 is elevated in Pt (1.9 ppb), and site 757 shows anomalous values of Pt (2.2 ppb) with a slight elevation in Ni. The anomalous area is underlain by intermediate calc-alkalic fragmental volcanic rocks. A granodiorite stock intrudes the volcanic rocks northeast of the anomaly (Kresz 1993). Gold occurrences in the area show gold to be contained in pyrite-bearing quartz veins emplaced along narrow shear zones in the volcanic rocks and the granodiorite stock. The veins are accompanied by intense carbonatization, sericitization and silicification which, in places, contain minor chalcopyrite, malachite, molybdenite and hematite. The extensive exploration activities in this area have turned up very little in the way of base metals or PGEs. Caution is advised when interpreting the Pd and Pt results for this area, despite the values occurring at multiple sites.

As of December 2000, many parts of this area were open to staking. The area to the east of the lake has been removed from staking under the Ontario Living Legacy program.

Area 16: Southern Matachewan Lake-Hawley Creek Area – Pt, Pd

Site 568 is weakly elevated in Pd and Pt (2.1 ppb and 1.8 ppb) and site 565 is weakly elevated in Pt only (1.7 ppb). Neither of these sites have associated base metal anomalies, and Kresz (1993) reports a tholeiitic basalt sample from 800 m to the north as having background levels of Cu (36.52 ppm) and Ni (42.54 ppm). The underlying bedrock is tholeiitic basalt which has been intruded by north-trending diabase dykes. The 2 lake sediment samples lie along the Montreal River fault which defines Matachewan Lake. Due to the lack of corresponding anomalies in either lake sediments or lithogeochemistry, readers are urged to exercise caution when interpreting these Pt and Pd results.

As of December 2000, the southern half of Matachewan Lake, including the area surrounding these 2 sites, was removed from staking under the Ontario Living Legacy program as part of the West Montreal River Provincial Park.

Area 17: Wyley Lake – Au

Site 587 returned a highly anomalous Au value of 132 ppb, corroborated by the value reported by Bajc *et al.* (1996) of 434 ppb. This site is adjacent to an area of known Au mineralization. The area is underlain by syenite of the Cairo Stock along its eastern intrusive margin with calc-alkalic intermediate to felsic volcanic rocks. It is located between 2 east-trending splays of the Kirkland Lake-Larder Lake fault (Jensen 1995) identified as the Galer Branch in the north and the Matachewan Branch in the south. The volcanic rocks have been metamorphosed to amphibolite grade and are cut by feldspar porphyry dikes, quartz veins and localized magnetite veinlets.

As of December 2000, this area was fully staked.

Area 18: Central Matachewan Lake – Au

Au values of 7 ppb and 6 ppb were reported at sites 659 and 561 respectively. The bedrock geology at this site is similar to that of Southern Matachewan Lake (area 16, above), but is cut by an east-northeast trending zone of carbonatized shearing/foliation with a near-vertical to vertical dip. Extensive trenching and related exploration activity is mapped in the area (Kresz 1993), and 2 Au showings are indicated on the east and west sides of the lake near these lake sediment sites. These results are not indicated in the dataset of Bajc *et al.* (1996), but mapping evidence enhances their validity.

As of December 2000, areas to the east and a small area to the west of site 561 were open to staking. These 2 sites are included in the area which was removed from staking under the Ontario Living Legacy program as part of the West Montreal River Provincial Park.

Area 19: Kenaja Lake Area – Au

Site 892 returned a value of 7 ppb Au. Bajc *et al.* (1996) report 2 other sites to the west as having elevated Au values – site 888 had 9 ppb and site 890 (not analysed in this report) had a value of 6 ppb. This area is underlain by extensive glaciolacustrine sediments, which may enhance the nugget effect and produce higher analytical values than would normally be expected. However, the bedrock is similar to that of the Wyley Lake area (area 17, above). It consists of Na-rich syenite intruded into highly schistose and amphibolitized tholeiitic basalts, interlayered with numerous units of intermediate to felsic calc-alkalic tuff and tuff-breccia. Locally, the volcanic rocks display segregated lenses of mafic to felsic migmatite with associated narrow quartz and quartz-carbonate-epidote veins. Euhedral grains of pyrite are present in some migmatite and quartz veins. As the Au results from this report and from Bajc *et al.* (1996) were not in mutual agreement, readers should exercise caution when interpreting these anomalies.

As of December 2000, most of this area was open for staking. Only the area immediately east of site 892 had any recorded claims.

Area 20: Jackson Lake Area – Au

A Au value of 6 ppb was reported for site 796. Bajc *et al.* (1996) reported 14 ppb Au at site 799, about 500 m to the west of site 796. Bedrock exposure is good, with small amounts of till covering the area. Bedrock geology is mafic to intermediate metavolcanic rocks. Again, the lack of mutual corroboration between this report and Bajc *et al.* (1996) suggests that this value may be spurious, and caution should be exercised.

As of December 2000, this area was open for staking.

Conclusions

Preliminary interpretation of Au and PGE analyses for the Peterlong Lake-Radisson Lake area indicates the presence of 20 significant anomalous areas. The target areas contain primarily multi-element anomalies and some single element anomalies. Many of the multi-element anomalies are considered priority areas for further exploration activities. The single element anomalies may also warrant further investigation, particularly if they are located in regions of favourable geology or known mineralization occurrences. The treatment of available data was by no means exhaustive and the reader is encouraged to carry out further investigations.

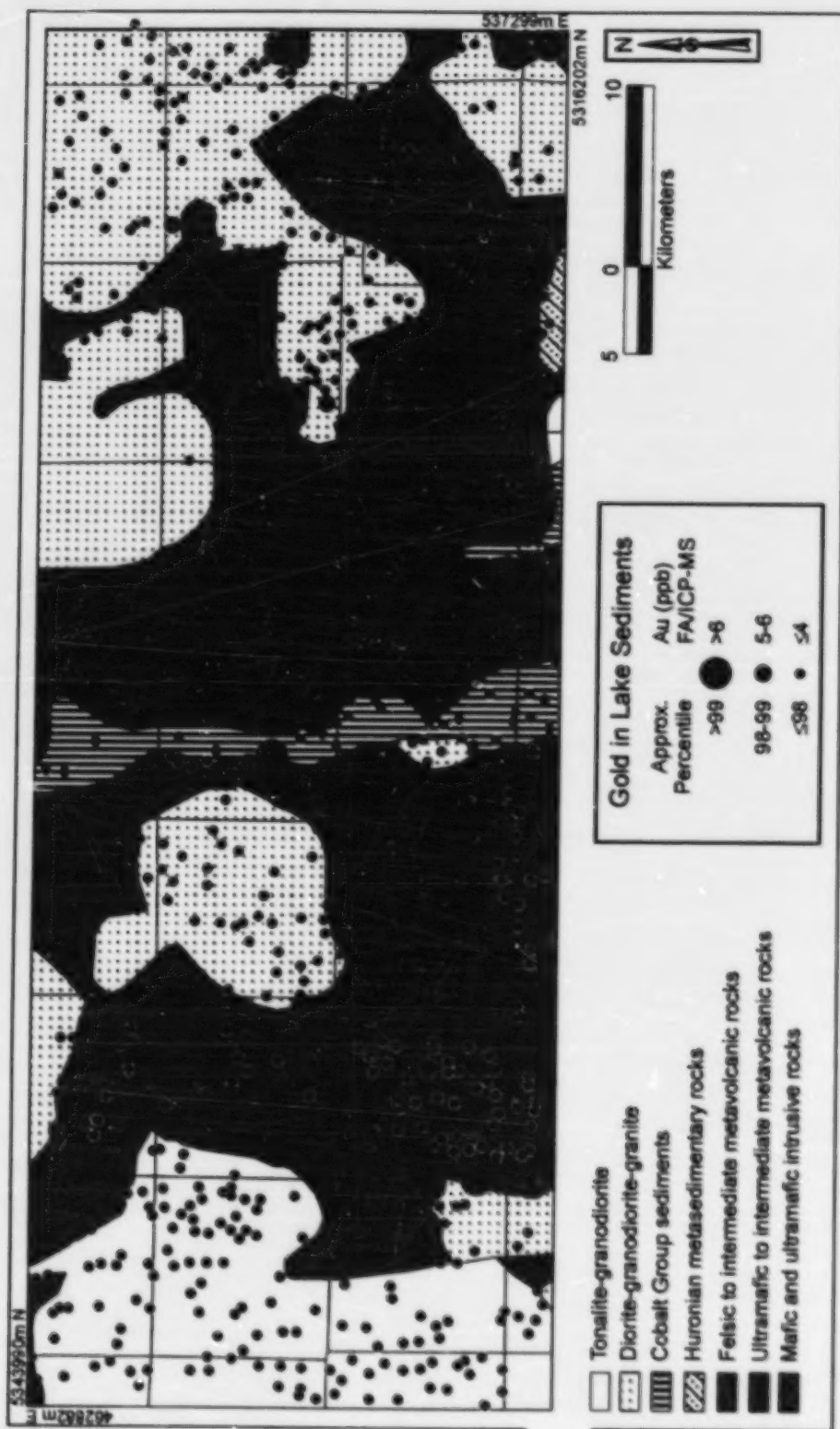
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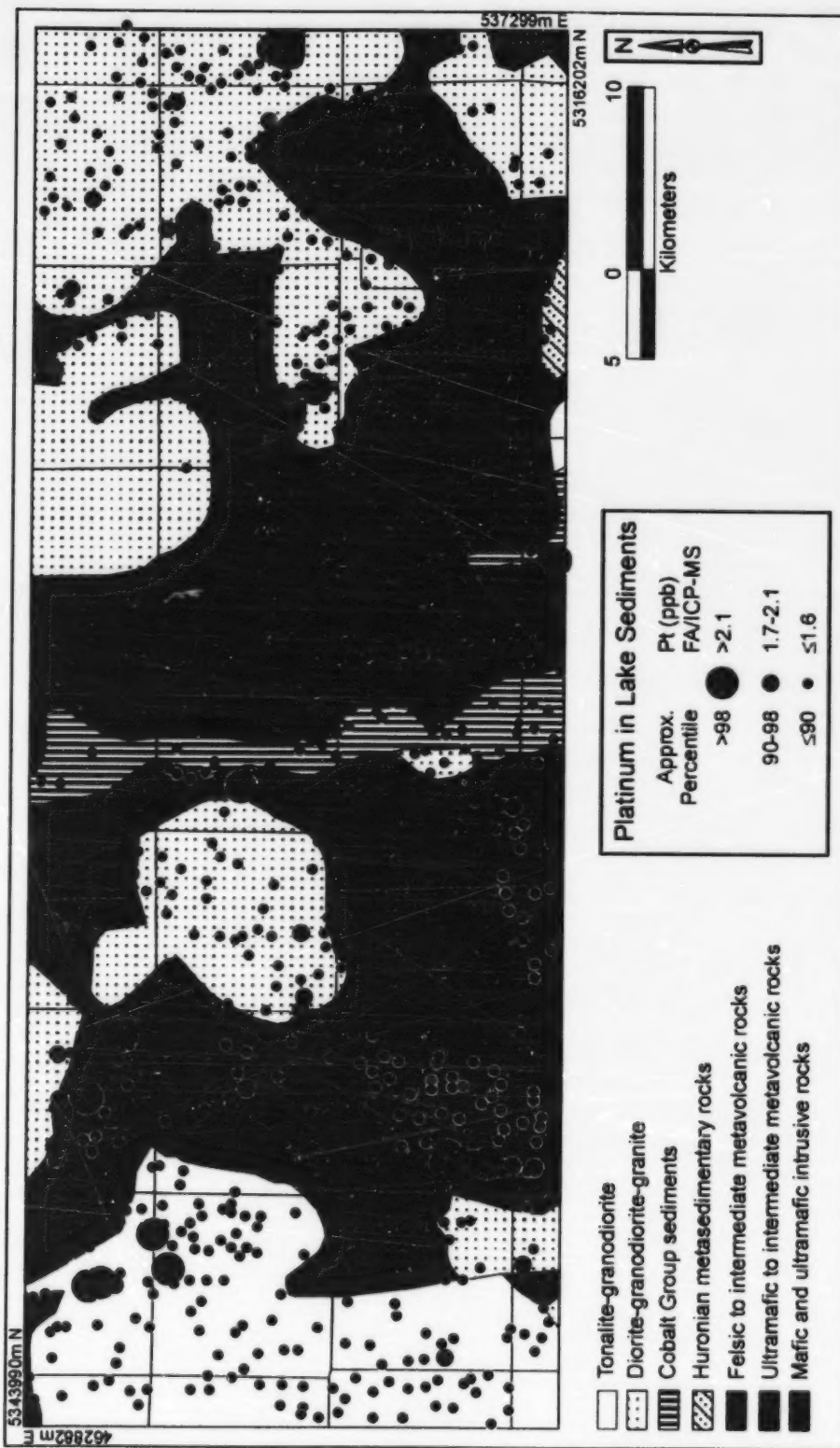
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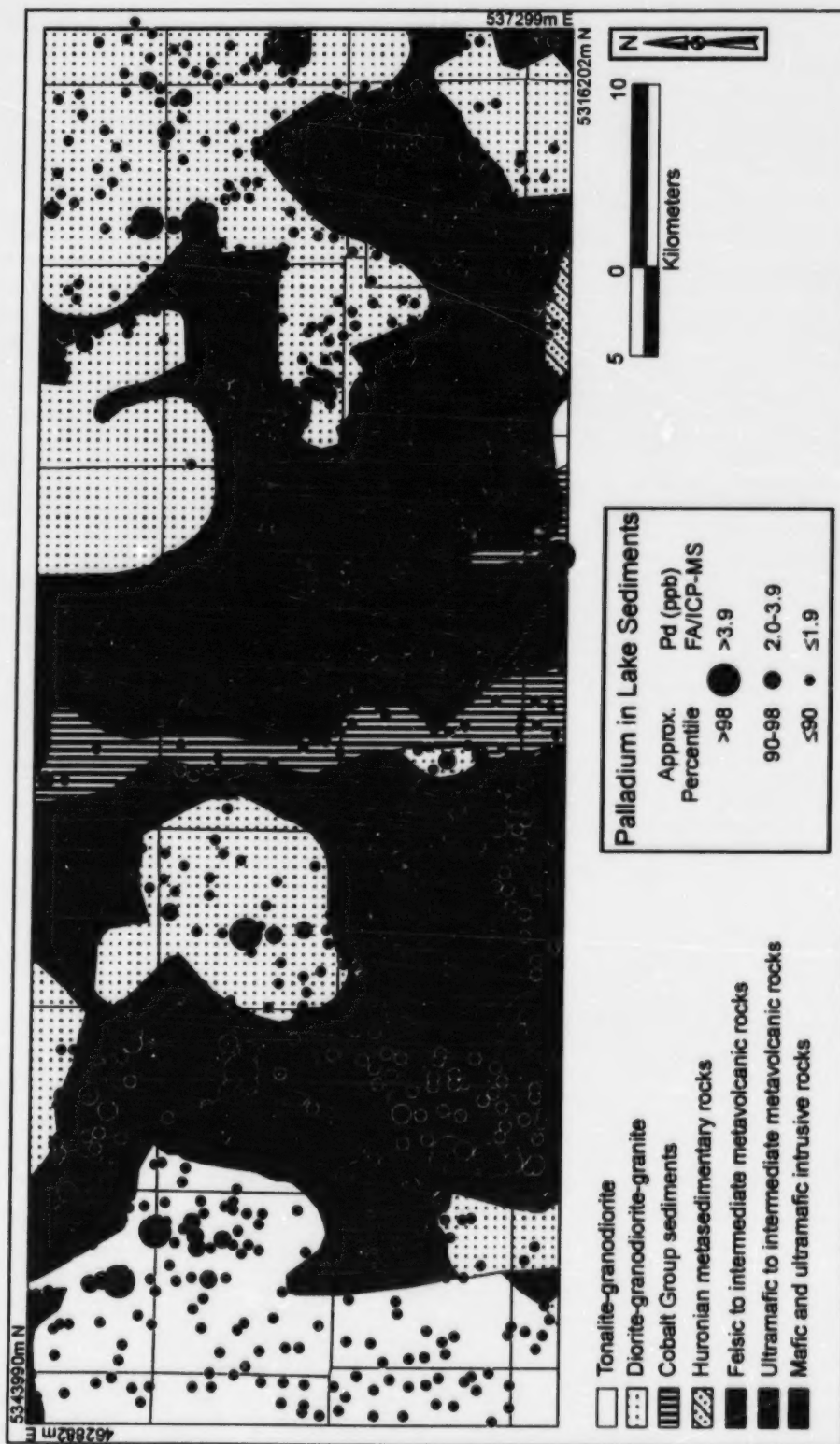
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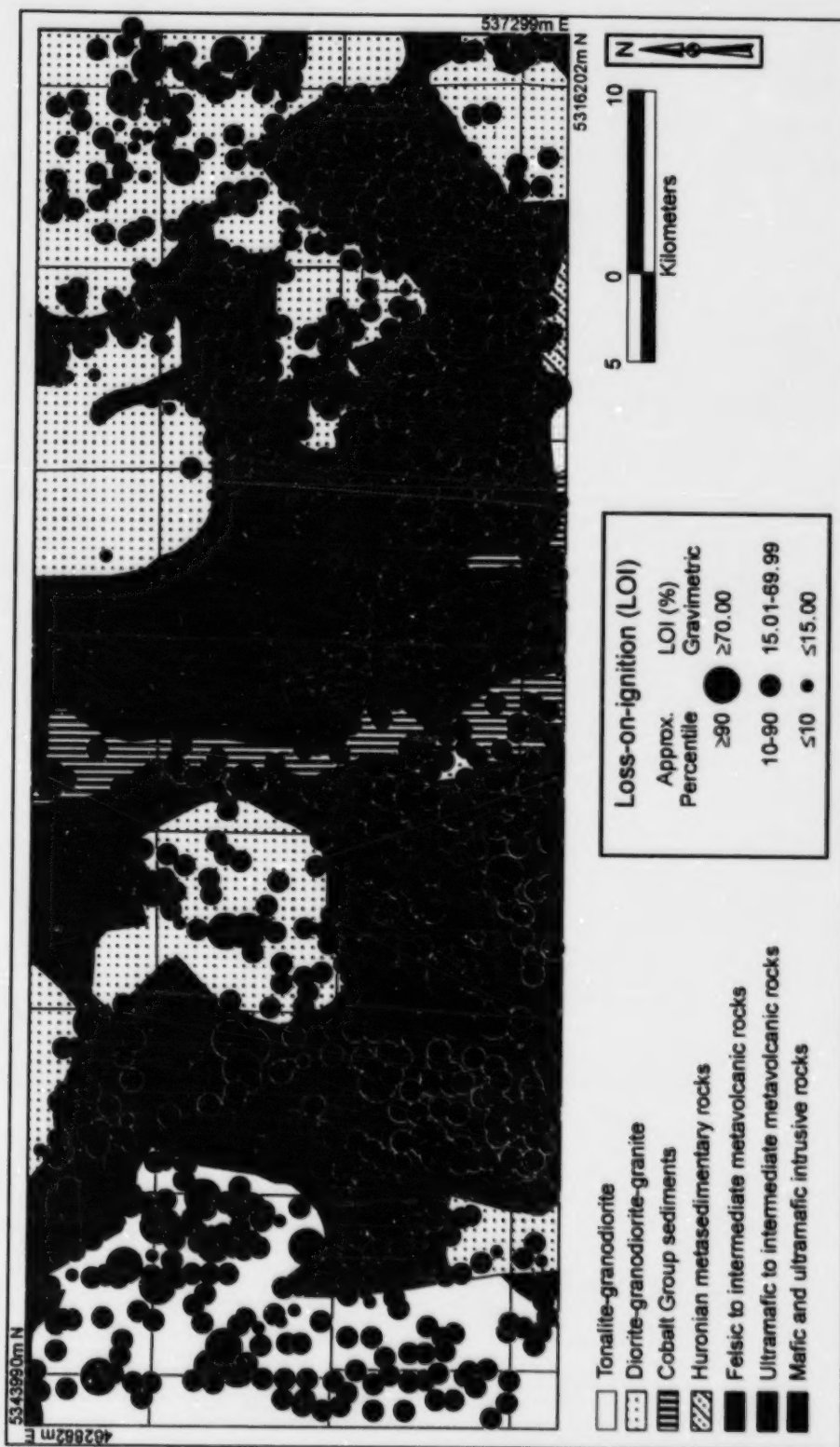
Appendix A

**Proportional Dot Maps of Lake Sediment Geochemistry
Au, Pt, Pd, LOI**









Appendix B

Lake Sediment Analytical Data for Rh, Pd, Ir, Pt, Au and LOI

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17 Detection limit-->		Fire Assay/ICP-MS					Grav % 0.01	g
				ppb 0.3	ppb 0.3	ppb 0.3	ppb 0.3	ppb 3		
1	95-PR-0001	462747	5319261	-0.3	-0.3	-0.3	1.3	3	47.99	10
2	95-PR-0002	463569	5318330	-0.3	-0.3	-0.3	0.9	-3	39.31	10
3	95-PR-0003	464448	5320090	-0.3	-0.3	-0.3	0.6	-3	28.38	10
4	95-PR-0004	464734	5318321	-0.3	-0.3	0.4	1.1	-3	34.86	10
5	95-PR-0005	464940	5320721	-0.3	-0.3	-0.3	0.6	-3	55.85	10
6	95-PR-0006	465218	5320391	-0.3	-0.3	-0.3	0.7	-3	40.72	10
7	95-PR-0007	465361	5319424	-0.3	-0.3	-0.3	1.1	-3	38.12	10
10	95-PR-0010	466683	5316962	-0.3	-0.3	-0.3	0.5	-3	51.64	10
11	95-PR-0011	467396	5316610	-0.3	-0.3	-0.3	0.7	-3	56.82	10
12	95-PR-0012	467419	5318428	-0.3	-0.3	-0.3	0.6	-3	42.55	10
13	95-PR-0013	467602	5317508	-0.3	-0.3	-0.3	0.7	-3	39.72	10
14	95-PR-0014	467915	5318227	-0.3	-0.3	0.5	1.0	-3	20.47	10
15	95-PR-0015	468238	5316225	-0.3	-0.3	-0.3	0.3	-3	51.53	10
16	95-PR-0016	469035	5316509	-0.3	-0.3	0.3	0.8	-3	49.42	10
18	95-PR-0018	470484	5320868	-0.3	-0.3	-0.3	1.2	-3	15.75	10
19	95-PR-0019	471160	5319875	-0.3	-0.3	-0.3	0.9	-3	16.75	10
20	95-PR-0020	471650	5319050	-0.3	-0.3	-0.3	0.3	-3	3.22	10
21	95-PR-0021	471413	5317552	-0.3	-0.3	1.7	1.9	-3	17.67	10
22	95-PR-0022	471093	5316550	-0.3	-0.3	0.6	0.7	-3	9.95	10
23	95-PR-0023	472155	5316985	-0.3	-0.3	0.6	-0.3	-3	44.99	8.75
24	95-PR-0024	473605	5320427	-0.3	-0.3	0.6	-0.5	-5	61.51	5.83
25	95-PR-0025	475021	5319901	-0.3	-0.3	0.5	-0.4	7	45.59	7
26	95-PR-0026	474874	5318197	-0.4	-0.4	-0.4	-0.4	-4	56.71	7.5
27	95-PR-0027	474351	5317358	-0.3	-0.3	0.3	-0.3	-3	42.24	10
28	95-PR-0028	475005	5317390	-0.4	-0.4	-0.4	-0.4	-4	61.61	7.84
29	95-PR-0029	475217	5316664	-0.3	-0.3	-0.3	-0.3	-3	56.21	10
30	95-PR-0030	474760	5316240	-0.3	-0.3	0.4	0.9	-3	51.12	10
31	95-PR-0031	476626	5320281	-0.3	-0.3	3.3	2.2	-3	47.53	10
32	95-PR-0032	476780	5319627	-0.3	-0.3	5.0	2.8	-3	21.83	10
33	95-PR-0033	476245	5318786	-0.5	-0.5	-0.6	-0.6	-6	51.85	5.15
34	95-PR-0034	476707	5318256	-0.3	-0.3	3.5	1.9	-3	45.29	9
35	95-PR-0035	476350	5317400	-0.3	-0.3	0.4	0.7	-3	69.05	10
36	95-PR-0036	476637	5317044	-0.3	-0.3	3.0	1.9	-3	42.15	10
37	95-PR-0037	477326	5320967	-0.3	-0.3	3.4	1.5	-8	64.46	3.62
38	95-PR-0038	477958	5318938	-0.3	-0.3	1.6	0.7	-4	24.7	7.56
40	95-PR-0040	477850	5316900	0.4	-0.3	-0.3	0.9	-3	43.1	10
41	95-PR-0041	477239	5316385	-0.3	-0.3	-0.3	1.3	-3	12.18	10
42	95-PR-0042	478528	5318710	-1.0	-1.0	-1.0	-1.0	-10	79.05	3.04
43	95-PR-0043	478893	5317719	-0.5	-0.5	-0.5	-0.5	-5	73.18	5.7
44	95-PR-0044	478729	5316749	0.4	-0.3	0.3	0.9	-3	16.54	10
46	95-PR-0046	479577	5318917	-0.3	-0.3	1.5	1.2	-3	53.92	8.85
47	95-PR-0047	479178	5316697	-0.3	-0.3	-0.3	1.3	-3	86.04	10
48	95-PR-0048	480874	5320926	-0.3	-0.3	0.3	1.3	-3	35.42	10
49	95-PR-0049	479951	5319878	-0.3	-0.3	0.6	1.2	-3	48.95	10
50	95-PR-0050	480293	5319372	-0.3	-0.3	-0.3	1.3	-3	39.23	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit—>		ppb	ppb	ppb	ppb	ppb	%	
				0.3	0.3	0.3	0.3	3	0.01	
51	95-PR-0051	480951	5318871	-0.3	-0.3	-0.3	0.3	11	35.81	10
52	95-PR-0052	480157	5317121	-0.3	-0.3	0.5	0.5	-4	50.31	7.96
53	95-PR-0053	480585	5317144	-0.3	-0.3	-0.3	-0.3	-3	59.37	8.85
54	95-PR-0054	481722	5319271	0.4	-0.3	0.5	1.1	-3	38.48	10
55	95-PR-0055	481854	5316453	-0.3	-0.3	0.4	0.7	-4	59.97	7.32
56	95-PR-0056	482168	5320355	-0.3	-0.3	0.5	-0.3	-3	43.18	10
57	95-PR-0057	482208	5316635	-0.6	-0.6	-0.6	-0.6	-6	60.06	5.05
58	95-PR-0058	483715	5317861	-0.3	-0.3	0.3	1.5	-3	30.16	10
59	95-PR-0059	484182	5319321	-0.6	-0.6	-0.6	-0.6	-6	77.11	5.12
60	95-PR-0060	484363	5317737	-0.3	-0.3	0.7	0.7	-3	21.47	10
61	95-PR-0061	485004	5320487	-0.3	-0.3	-0.3	0.8	-3	37.3	10
62	95-PR-0062	485317	5318724	0.4	-0.3	-0.3	1.4	-3	38.06	10
63	95-PR-0063	486421	5320501	-0.3	-0.3	1.6	1.8	-3	49.4	10
64	95-PR-0064	486812	5319582	-0.8	-0.8	-0.8	-0.8	-8	55.2	3.7
65	95-PR-0065	486706	5317148	-0.4	-0.4	-0.4	0.4	-4	39.49	8.06
66	95-PR-0066	487396	5317168	-0.3	-0.3	1.0	1.3	-3	47.55	10
68	95-PR-0068	488101	5320944	-0.3	-0.3	0.8	0.8	-3	47.01	10
69	95-PR-0069	488689	5320189	-0.3	-0.3	0.5	0.4	-3	13.46	10
70	95-PR-0070	488447	5319305	-0.3	-0.3	0.6	1.4	-3	22.69	10
71	95-PR-0071	488726	5317758	-0.3	-0.3	-0.3	1.2	-3	30.35	10
72	95-PR-0072	488214	5316156	-0.3	-0.3	-0.3	0.4	-3	23.17	10
73	95-PR-0073	490339	5318495	-0.3	-0.3	0.5	0.7	-3	50.14	10
74	95-PR-0074	489981	5317770	-0.3	-0.3	-0.3	0.4	-3	23.03	10
75	95-PR-0075	491471	5319364	-0.3	-0.3	1.2	1.0	-4	41.18	7.13
76	95-PR-0076	491745	5320339	-0.3	-0.3	0.8	0.6	-3	47.87	10
77	95-PR-0077	491211	5318714	-0.3	-0.3	1.1	0.6	-3	47.66	10
78	95-PR-0078	491252	5317080	-0.3	-0.3	1.0	1.0	-5	57.14	5.79
79	95-PR-0079	491493	5316300	-0.5	-0.5	-0.5	0.6	-5	56.28	5.52
80	95-PR-0080	492185	5318863	-0.5	-0.5	-0.5	-0.5	-5	82.2	6.35
82	95-PR-0082	493519	5320256	-0.4	-0.4	-0.4	0.6	-4	47.37	7.99
84	95-PR-0084	493672	5317987	-0.9	-0.9	-0.9	-0.9	-9	67.62	3.46
85	95-PR-0085	493887	5316333	-0.3	-0.3	1.1	0.5	-3	27.03	10
86	95-PR-0086	494690	5319250	-0.3	-0.3	2.0	-1.0	-10	69.98	3.05
87	95-PR-0087	494489	5318212	-0.3	-0.3	0.9	-0.6	-6	65.85	5.08
88	95-PR-0088	494973	5317781	-0.5	-0.5	-0.5	0.6	-5	41.35	5.93
89	95-PR-0089	496200	5320400	-0.3	-0.3	1.4	0.6	-4	74.92	7.9
90	95-PR-0090	496040	5319233	0.4	-0.3	3.6	1.8	-3	58.26	10
91	95-PR-0091	495981	5318359	-0.3	-0.3	3.0	1.8	-3	65.93	10
92	95-PR-0092	495817	5317154	-0.6	-0.6	-0.6	-0.6	-6	66.22	5
93	95-PR-0093	496552	5316214	0.7	-0.3	0.3	1.1	-3	17.19	10
94	95-PR-0094	497309	5320889	-0.3	-0.3	1.0	1.5	-3	56.32	10
95	95-PR-0095	497219	5319399	-0.3	-0.3	3.4	1.3	-6	57.29	5.32
96	95-PR-0096	497285	5318699	-0.3	-0.3	12.3	2.6	-7	66.33	4.21
97	95-PR-0097	496934	5317165	-0.3	-0.3	1.6	-0.8	-8	77.51	3.67
99	95-PR-0099	498224	5317051	-0.3	-0.3	1.4	0.7	-4	44.11	7.99
100	95-PR-0100	498207	5317471	-0.3	-0.3	1.4	0.9	-3	41.07	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit-->		ppb	ppb	ppb	ppb	ppb	%	
				0.3	0.3	0.3	0.3	3	0.01	
101	95-PR-0101	498231	5316950	-0.3	-0.3	2.5	0.8	-3	44.01	10
102	95-PR-0102	499859	5318123	-0.3	-0.3	0.6	0.7	-5	52.03	5.46
103	95-PR-0103	499511	5316191	-0.3	-0.3	-0.3	-0.3	-3	48.26	10
104	95-PR-0104	463079	5325575	-0.3	-0.3	0.4	-0.3	-3	39.73	10
105	95-PR-0105	463078	5323946	-0.5	-0.5	-0.5	-0.5	-5	59.68	5.5
106	95-PR-0106	463710	5322242	-0.3	-0.3	-0.3	0.9	-3	35.09	10
107	95-PR-0107	463635	5321293	-0.3	-0.3	0.6	1.0	-3	40.9	10
108	95-PR-0108	464464	5325587	-0.3	-0.3	0.4	-0.3	-3	34.87	10
109	95-PR-0109	464602	5323710	-0.3	-0.3	0.6	-0.3	-3	38.7	10
110	95-PR-0110	464774	5322790	-0.3	-0.3	-0.3	0.3	-3	40.7	10
111	95-PR-0111	464996	5324742	-0.3	-0.3	0.4	0.3	-3	36.6	10
112	95-PR-0112	465128	5322114	-0.3	-0.3	1.2	1.6	-3	16.48	10
113	95-PR-0113	465914	5325053	-0.3	-0.3	-0.3	-0.3	-3	43.63	10
114	95-PR-0114	466145	5323715	0.5	-0.3	0.4	1.1	-3	22.14	10
115	95-PR-0115	466204	5322859	-0.3	-0.3	1.0	1.1	-3	22.61	10
116	95-PR-0116	466361	5321737	-0.3	-0.3	1.3	1.8	-3	29.15	10
117	95-PR-0117	466998	5325717	-0.3	-0.3	0.3	1.1	-3	52.04	10
118	95-PR-0118	467030	5321916	-0.3	-0.3	1.0	0.4	-3	46.59	10
119	95-PR-0119	467311	5321289	-0.3	-0.3	0.6	1.5	-3	52.38	10
120	95-PR-0120	468835	5325830	-0.3	-0.3	0.9	0.4	-3	13.68	10
121	95-PR-0121	468554	5324332	-0.3	-0.3	0.6	1.4	-3	43.06	10
122	95-PR-0122	469312	5326031	0.5	-0.3	0.8	0.4	-3	10.87	10
123	95-PR-0123	469188	5324461	0.5	-0.3	1.2	1.2	3	16.63	10
125	95-PR-0125	470112	5325845	-0.3	-0.3	1.1	0.6	-3	6.87	10
126	95-PR-0126	470396	5323466	-0.3	-0.3	1.2	0.5	-3	13.7	10
127	95-PR-0127	470385	5322745	0.8	-0.3	1.6	1.4	-3	7.39	10
128	95-PR-0128	470437	5321769	-0.3	-0.3	1.4	0.6	-3	16.23	10
129	95-PR-0129	471494	5325820	-0.4	-0.4	-0.4	-0.4	-4	55.04	8.15
130	95-PR-0130	471749	5325530	0.5	-0.3	0.4	0.7	-3	50.83	10
131	95-PR-0131	471788	5324100	-0.5	-0.5	-0.5	-0.5	-5	52.46	6.2
132	95-PR-0132	472402	5323241	-0.3	-0.3	0.6	2.7	-3	11.55	10
133	95-PR-0133	472575	5321560	-0.3	-0.3	0.9	0.6	2	31.04	10
134	95-PR-0134	473110	5323183	-0.3	-0.3	1.0	0.7	-4	64.2	7.91
135	95-PR-0135	473365	5322502	-0.3	-0.3	1.0	1.5	-3	45.92	10
136	95-PR-0136	473550	5321818	-0.3	-0.3	0.8	0.9	-3	58.67	10
138	95-PR-0138	474132	5322254	-0.3	-0.3	1.0	1.1	-3	17.79	10
139	95-PR-0139	473566	5320929	-0.3	-0.3	-0.3	0.5	-3	45.76	9.05
142	95-PR-0142	476642	5325091	0.3	-0.3	1.0	1.3	-3	23.96	10
143	95-PR-0143	476369	5324311	-0.3	-0.3	1.4	1.6	-3	29.63	10
144	95-PR-0144	475770	5323740	-0.3	-0.3	2.2	1.6	-3	32.58	10
145	95-PR-0145	476817	5322209	0.4	-0.3	3.5	1.9	-3	71.33	10
146	95-PR-0146	476503	5321085	-0.3	-0.3	4.4	2.7	-3	37.11	10
147	95-PR-0147	477617	5324191	-0.3	-0.3	1.0	1.5	-3	23.68	10
148	95-PR-0148	477769	5322858	-1.0	-1.0	-1.0	-1.0	-10	84.39	3.05
149	95-PR-0149	477144	5321717	-0.3	-0.3	5.5	3.3	-3	56.68	10
153	95-PR-0153	479251	5324304	-0.3	-0.3	2.5	1.6	-3	57.46	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit—>		ppb	ppb	ppb	ppb	ppb	%	
154	95-PR-0154	479103	5323265	-0.3	-0.3	1.6	-0.9	-9	51.97	3.25
155	95-PR-0155	479376	5322074	-0.5	-0.5	-0.5	-0.5	-5	63.59	6.06
156	95-PR-0156	479109	5321152	-0.3	-0.3	1.5	1.6	-3	51.78	10
157	95-PR-0157	480724	5325548	-0.3	-0.3	1.6	1.2	-3	73.25	10
159	95-PR-0159	480378	5323706	-0.9	-0.9	-0.9	-0.9	-9	62.77	3.21
160	95-PR-0160	480704	5322563	-0.3	-0.3	0.5	-0.3	-3	53.36	10
161	95-PR-0161	480744	5321495	-0.3	-0.3	0.6	0.5	-3	45.71	10
162	95-PR-0162	481606	5325750	0.5	-0.3	0.6	0.5	-3	54.86	10
163	95-PR-0163	481238	5324788	-0.6	-0.6	-0.6	-0.6	-6	60.54	5.05
164	95-PR-0164	481109	5322622	-0.3	-0.3	0.8	1.5	6	61.95	10
165	95-PR-0165	481292	5321455	-0.3	-0.3	0.5	0.6	-3	48.91	10
166	95-PR-0166	482428	5325053	-0.3	-0.3	-0.3	0.4	-3	55.59	9.71
167	95-PR-0167	482179	5324312	-0.3	-0.3	-0.3	0.5	-3	48.1	10
168	95-PR-0168	482041	5322279	-0.5	-0.5	-0.5	-0.5	-5	55.19	5.58
169	95-PR-0169	482469	5322256	-0.3	-0.3	0.6	0.3	-3	46.99	10
170	95-PR-0170	483545	5325734	0.8	-0.3	1.0	0.8	-3	26.78	10
171	95-PR-0171	485243	5325894	-0.3	-0.3	0.7	0.3	-3	66.7	10
172	95-PR-0172	486518	5324568	-0.3	-0.3	0.5	0.4	-3	49.49	10
174	95-PR-0174	486306	5321954	-0.8	-0.8	-0.8	-0.8	-8	75.8	3.93
175	95-PR-0175	486850	5321250	-0.9	-0.9	-0.9	-0.9	-9	83.85	3.5
176	95-PR-0176	487372	5323856	-0.3	-0.3	1.3	0.4	-3	54.63	10
178	95-PR-0178	486954	5322015	-0.3	-0.3	1.6	0.8	-6	80.44	5.12
179	95-PR-0179	487548	5321792	-0.3	-0.3	0.9	0.8	-4	66.59	7.4
180	95-PR-0180	488045	5325303	-0.3	-0.3	1.9	1.2	-3	76.93	9.45
181	95-PR-0181	487872	5323957	-0.3	-0.3	0.4	-0.4	-4	52.87	7.5
182	95-PR-0182	488177	5323164	-0.9	-0.9	-0.9	-0.9	-9	66.47	3.25
183	95-PR-0183	489752	5325431	-0.3	-0.3	0.7	-0.3	-3	11.12	10
184	95-PR-0184	489626	5324202	-0.3	-0.3	0.4	0.5	-3	27.97	10
185	95-PR-0185	490027	5322607	-0.3	-0.3	0.5	0.4	-3	36.03	10
186	95-PR-0186	490216	5324946	-0.3	-0.3	1.1	0.5	-3	15.63	10
187	95-PR-0187	490089	5323403	-0.3	-0.3	0.5	0.4	-3	11.75	10
188	95-PR-0188	490474	5322854	-0.5	-0.5	-0.5	0.6	-5	83.64	6.28
189	95-PR-0189	491756	5325233	-0.3	-0.3	-0.3	-0.3	-3	51.52	9.58
191	95-PR-0191	492150	5322760	-0.3	-0.3	0.4	-0.3	-3	49.24	10
192	95-PR-0192	493434	5324992	-0.4	-0.4	-0.4	-0.4	-4	69.18	8.07
193	95-PR-0193	494053	5323934	-0.3	-0.3	0.4	0.4	-3	77.54	10
194	95-PR-0194	493980	5321750	-0.3	-0.3	0.5	-0.3	-3	56.37	10
195	95-PR-0195	493265	5321133	-0.3	-0.3	0.5	0.6	-4	51.87	7.88
196	95-PR-0196	494356	5324541	-0.3	0.3	0.9	1.4	-3	76.12	10
197	95-PR-0197	495260	5324263	-0.3	-0.3	0.5	1.1	4	64.9	10
198	95-PR-0198	495494	5323471	-0.3	-0.3	0.5	0.5	-4	71.03	7.5
199	95-PR-0199	495669	5322241	-0.3	-0.3	1.2	0.6	-6	75.72	5.2
200	95-PR-0200	495514	5321385	-0.3	-0.3	1.4	0.5	-4	74.77	6.7
201	95-PR-0201	496778	5325174	-0.3	-0.3	0.5	-0.5	-5	64.77	6.13
202	95-PR-0202	496256	5323748	-0.3	-0.3	0.8	0.5	-3	70.52	9.21
203	95-PR-0203	496246	5322804	-1.0	-1.0	-1.0	-1.0	-10	67.51	3.01

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit—>		ppb	ppb	ppb	ppb	ppb	%	
				0.3	0.3	0.3	0.3	3	0.01	
204	95-PR-0204	497597	5322792	-0.3	-0.3	0.8	0.5	-4	59.22	6.83
206	95-PR-0206	497985	5324740	-0.3	-0.3	1.9	1.4	-3	53.15	10
208	95-PR-0208	498700	5323650	-0.3	-0.3	1.0	-0.8	-8	70.51	3.68
209	95-PR-0209	498849	5323090	-0.3	-0.3	0.8	0.6	-4	69.47	7.38
210	95-PR-0210	498229	5322066	-0.3	-0.3	2.3	0.9	-7	69	4.25
211	95-PR-0211	499681	5321949	-0.3	-0.3	1.7	1.2	-3	48.28	9.25
212	95-PR-0212	498912	5320916	-1.0	-1.0	-1.0	-1.0	-10	64.32	3.07
213	95-PR-0213	463700	5330500	-0.3	-0.3	0.4	1.0	-3	49.87	10
214	95-PR-0214	463624	5329267	-0.3	-0.3	-0.3	1.0	-3	38.54	10
215	95-PR-0215	463258	5329386	-0.3	-0.3	0.6	0.5	-3	28.21	10
216	95-PR-0216	463096	5328402	-0.3	-0.3	0.4	0.3	-3	33.45	10
217	95-PR-0217	463343	5327384	-0.3	-0.3	0.4	0.3	-3	30.4	10
218	95-PR-0218	464778	5330414	-0.5	-0.5	-0.5	-0.5	-5	61.53	6.23
219	95-PR-0219	464732	5329245	-0.6	-0.6	-0.6	-0.6	-6	66.8	5.07
221	95-PR-0221	464666	5327711	-0.3	-0.3	0.4	1.1	-3	35.8	10
222	95-PR-0222	464082	5326998	-0.3	-0.3	0.5	0.6	-3	27.88	10
224	95-PR-0224	466698	5320301	-0.3	-0.3	0.4	1.2	-3	56.79	10
225	95-PR-0225	466647	5329502	-0.3	-0.3	0.5	0.9	-3	49.25	10
226	95-PR-0226	467726	5330664	-0.3	-0.3	0.3	-0.3	-3	4.45	10
227	95-PR-0227	467926	5328509	-0.3	-0.3	0.3	0.8	-3	46.28	10
228	95-PR-0228	467088	5327017	-0.3	-0.3	-0.3	0.5	-3	56.83	9.66
229	95-PR-0229	468370	5329863	-0.3	-0.3	-0.3	0.4	-3	10.71	10
231	95-PR-0231	469684	5330469	-0.3	-0.3	-0.3	-0.3	-3	19.28	10
232	95-PR-0232	469461	5329663	-0.3	-0.3	-0.3	0.4	-3	2.26	10
233	95-PR-0233	469661	5328696	-0.3	-0.3	0.4	0.3	-3	2.43	10
234	95-PR-0234	469934	5328317	-0.3	-0.3	0.4	0.5	-3	16.1	10
235	95-PR-0235	469287	5326995	-0.3	-0.3	0.3	1.2	-3	44.29	10
237	95-PR-0237	469877	5327274	-0.3	0.4	0.5	0.9	-3	3.31	10
239	95-PR-0239	471884	5331791	-0.3	-0.3	-0.3	-0.3	-3	46.24	10
240	95-PR-0240	471387	5326783	-0.3	-0.3	0.5	1.1	-3	53.53	10
241	95-PR-0241	472136	5326273	-0.3	-0.3	0.4	0.4	-3	57.38	10
242	95-PR-0242	473186	5330708	-0.3	-0.3	0.7	0.7	-3	4.86	10
243	95-PR-0243	474040	5329691	-0.3	-0.3	-0.3	0.6	-3	35.85	10
244	95-PR-0244	475125	5327334	-0.3	-0.3	1.2	0.5	-3	51.82	10
245	95-PR-0245	476182	5328511	-0.3	-0.3	1.8	1.4	-4	65.89	7.92
247	95-PR-0247	477690	5327700	-0.3	-0.3	0.7	1.1	-3	25.78	10
248	95-PR-0248	477160	5325880	-0.3	-0.3	1.0	0.7	-3	21.3	10
249	95-PR-0249	478749	5330074	-0.3	-0.3	0.7	0.7	-3	11.64	10
250	95-PR-0250	478410	5329194	-0.3	-0.3	0.7	0.5	-3	28.13	10
251	95-PR-0251	478031	5328430	-0.3	-0.3	1.0	0.6	-3	27.01	10
252	95-PR-0252	477550	5326730	-0.3	0.4	1.3	0.8	3	28.3	10
253	95-PR-0253	479485	5328969	-0.3	0.3	1.0	0.5	-3	46.49	10
255	95-PR-0255	481354	5330726	-0.3	-0.3	1.3	0.9	-3	18.17	10
256	95-PR-0256	481612	5330233	0.6	-0.3	0.3	0.6	32	3.51	10
257	95-PR-0257	481818	5329541	0.4	-0.3	1.3	1.2	-3	9.33	10
260	95-PR-0260	482070	5326363	-0.3	-0.3	-0.3	1.2	-3	62.81	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav %	g
				ppb	ppb	ppb	ppb	ppb		
				0.3	0.3	0.3	0.3	0.3		
		Detection limit—>		0.3	0.3	0.3	0.3	0.3	0.01	
261	95-PR-0261	483183	5330040	-0.3	-0.3	1.1	1.2	-3	57.29	10
262	95-PR-0262	483379	5327942	-0.3	-0.3	0.6	0.4	-3	14.85	10
263	95-PR-0263	483598	5326804	0.6	-0.3	1.2	1.5	-3	18.09	10
264	95-PR-0264	484912	5329506	-0.3	-0.3	1.6	1.9	-3	60.81	10
265	95-PR-0265	485647	5329341	0.5	-0.3	1.2	1.7	-3	61.2	10
267	95-PR-0267	486534	5329585	-0.3	-0.3	1.4	0.4	4	33.49	10
268	95-PR-0268	486782	5328607	-0.3	-0.3	1.2	1.5	-3	26.17	10
269	95-PR-0269	486384	5327297	-0.3	-0.3	1.0	1.0	-3	9.41	10
270	95-PR-0270	486145	5330799	-0.3	-0.3	1.0	1.0	-3	38.98	10
271	95-PR-0271	487207	5327453	-0.3	-0.3	0.9	1.1	3	42.74	10
272	95-PR-0272	488271	5328271	-0.3	-0.3	1.2	1.2	-3	33.43	10
273	95-PR-0273	488080	5326988	-0.3	-0.3	1.2	0.8	-4	44.31	7.15
274	95-PR-0274	488148	5326109	-0.3	-0.3	1.4	0.6	-4	62.03	7.43
275	95-PR-0275	489078	5329581	-0.3	-0.3	2.0	1.7	-3	52.07	10
276	95-PR-0276	488966	5329100	-0.3	-0.3	0.5	0.4	-3	1.99	10
277	95-PR-0277	489054	5328299	-0.3	-0.3	1.0	0.6	-3	31.84	10
278	95-PR-0278	489888	5328126	-0.4	-0.4	-0.4	-0.4	-4	48.73	7
279	95-PR-0279	489460	5326989	-0.5	-0.5	-0.5	-0.5	-5	71.77	6.16
282	95-PR-0282	491610	5330984	-0.3	-0.3	0.5	0.5	-3	65.83	9.79
283	95-PR-0283	492457	5328965	0.5	-0.3	1.3	1.6	-3	35.42	10
285	95-PR-0285	493962	5328692	-0.3	-0.3	-0.3	0.4	-3	42.79	8.87
286	95-PR-0286	494050	5327675	-0.3	-0.3	0.8	0.8	-3	54.07	8.68
287	95-PR-0287	493324	5325961	-0.3	-0.3	1.2	0.4	-3	54.02	10
288	95-PR-0288	495136	5328834	-0.3	-0.3	1.0	0.9	-3	47.79	10
289	95-PR-0289	496517	5331153	-0.3	-0.3	1.4	1.2	-3	62.48	10
290	95-PR-0290	496607	5329708	-0.3	-0.3	0.7	0.6	-4	52.09	6.7
291	95-PR-0291	496556	5329247	-0.3	-0.3	1.2	1.1	-3	48.78	10
292	95-PR-0292	496100	5328491	-0.3	-0.3	0.9	0.3	-3	40.34	10
294	95-PR-0294	497250	5326900	-0.3	-0.3	0.9	1.0	-3	51.5	10
295	95-PR-0295	496911	5326513	-0.3	-0.3	1.5	1.9	-3	62.44	10
296	95-PR-0296	498873	5329707	-0.3	-0.3	1.3	0.7	-3	47.06	10
297	95-PR-0297	498570	5327789	-0.3	-0.3	0.5	0.4	-3	43.86	10
298	95-PR-0298	499111	5328559	-0.3	-0.3	1.3	0.9	-3	59.57	10
299	95-PR-0299	499656	5327814	-0.3	-0.3	0.7	0.5	4	61.45	7.61
301	95-PR-0301	464573	5335262	-0.3	-0.3	1.5	0.9	-3	48.69	10
302	95-PR-0302	464536	5334260	-0.3	-0.3	1.3	1.1	-3	57.47	10
303	95-PR-0303	464778	5331585	-0.3	-0.3	1.1	0.6	-5	64.4	6.13
304	95-PR-0304	465305	5334385	-0.3	-0.3	0.5	0.6	-5	75.03	6.21
305	95-PR-0305	465234	5333067	-0.3	-0.3	0.9	0.5	-4	85.09	8.25
306	95-PR-0306	465623	5332398	-0.3	-0.3	0.6	0.3	-3	36.34	10
309	95-PR-0309	466417	5333788	-0.5	-0.5	-0.5	-0.5	-5	70.49	6.36
310	95-PR-0310	466500	5331675	-0.5	-0.5	-0.5	0.5	-5	50.52	6.01
311	95-PR-0311	467702	5334793	-0.3	-0.3	0.6	-0.3	-3	27.57	10
312	95-PR-0312	468012	5332545	-0.3	-0.3	0.7	0.4	-3	52.98	10
313	95-PR-0313	467584	5332875	-0.3	-0.3	0.9	0.4	-3	35.81	10
314	95-PR-0314	467430	5331882	-0.3	-0.3	0.6	0.4	-3	3.02	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit—>		ppb	ppb	ppb	ppb	ppb	%	
				0.3	0.3	0.3	0.3	3	0.01	
315	95-PR-0315	468684	5335262	-0.3	-0.3	1.1	0.9	-3	48.5	10
316	95-PR-0316	468250	5330973	1.3	-0.3	0.4	0.4	-4	58.04	8.5
317	95-PR-0317	469290	5334767	-0.3	-0.3	0.6	0.6	-3	51.78	10
318	95-PR-0318	470379	5335423	-0.3	-0.3	1.3	1.1	-3	50.4	10
319	95-PR-0319	470350	5334455	-0.3	-0.3	3.3	0.9	-3	44.07	8.63
320	95-PR-0320	470350	5333507	-0.3	-0.3	1.3	-0.3	-3	54.91	10
322	95-PR-0322	471923	5334400	-0.4	-0.4	-0.4	-0.4	-4	86.21	6.7
323	95-PR-0323	471728	5332675	-0.3	-0.3	0.9	-0.3	-3	52.83	10
324	95-PR-0324	471787	5329314	-0.3	-0.3	0.4	-0.4	-4	85.59	8.4
325	95-PR-0325	472717	5335246	-0.3	-0.3	2.2	0.4	-3	68.15	10
326	95-PR-0326	472057	5335068	-0.3	-0.3	3.5	0.6	-3	25.12	10
328	95-PR-0328	472530	5333731	-0.3	-0.3	3.2	0.8	-3	59.95	10
329	95-PR-0329	472184	5333160	-0.4	-0.4	-0.4	-0.4	-4	73.84	8.4
330	95-PR-0330	472859	5332887	-0.3	-0.3	1.7	0.8	-3	60.11	10
331	95-PR-0331	472150	5332350	-0.3	-0.3	1.4	1.1	-3	47.23	10
332	95-PR-0332	472958	5335862	-0.3	-0.3	1.1	0.8	-3	57.8	9.38
333	95-PR-0333	473419	5335394	-0.3	-0.3	2.0	0.3	-3	50.91	10
334	95-PR-0334	473790	5332450	-0.6	-0.6	-0.6	-0.6	-6	88.73	5.09
335	95-PR-0335	473234	5331734	-0.3	-0.3	1.5	1.3	-3	63.57	10
336	95-PR-0336	473813	5331543	-0.3	-0.3	0.9	0.5	-3	64.79	9.39
337	95-PR-0337	474508	5334910	-0.3	-0.3	0.6	-0.6	-6	84.45	5.19
338	95-PR-0338	474209	5333638	-0.3	-0.3	1.8	1.2	-3	58.2	10
339	95-PR-0339	473955	5333156	-0.3	-0.3	1.5	0.9	-3	59.36	10
340	95-PR-0340	474500	5333174	-0.3	-0.3	1.9	0.9	-3	61.49	10
342	95-PR-0342	475448	5335952	-0.6	-0.6	-0.6	-0.6	-6	69.74	5.02
343	95-PR-0343	475113	5332946	-0.3	-0.3	1.7	0.9	-3	61.16	10
344	95-PR-0344	476245	5335762	-0.3	-0.3	1.0	1.0	-3	37.93	10
346	95-PR-0346	478231	5331306	-0.3	-0.3	1.1	-0.3	-3	40.53	10
349	95-PR-0349	479541	5334604	-0.8	-0.8	-0.8	-0.8	-8	37.72	3.7
351	95-PR-0351	479810	5333231	-0.3	-0.3	1.7	0.6	-3	41.03	10
352	95-PR-0352	480239	5333159	-0.3	-0.3	4.3	2.0	-3	26.6	9.63
353	95-PR-0353	480779	5332408	-0.3	-0.3	3.7	1.8	3	59.97	10
354	95-PR-0354	481478	5332871	-0.3	-0.3	4.9	1.2	-5	73.87	5.73
358	95-PR-0358	482611	5332431	-0.3	-0.3	3.0	-1.0	-10	86.87	3.07
360	95-PR-0360	482968	5333523	-0.3	-0.3	3.8	-0.9	-9	79.92	3.23
361	95-PR-0361	485214	5333484	-0.4	-0.4	-0.4	-0.4	-4	68.62	6.74
362	95-PR-0362	484853	5331373	-0.3	-0.3	1.8	1.2	-3	60.87	10
363	95-PR-0363	487240	5330754	0.5	1.3	1.2	0.9	-3	54.4	10
364	95-PR-0364	487839	5332300	-0.3	-0.3	1.0	-0.3	-3	40.45	10
365	95-PR-0365	488968	5335270	-0.3	-0.3	1.0	0.4	-3	47.16	10
367	95-PR-0367	488842	5333906	-0.3	-0.3	0.5	-0.3	4	70.82	10
368	95-PR-0368	488641	5333096	-0.3	-0.3	1.5	1.4	-9	66.42	3.39
369	95-PR-0369	488842	5332706	-0.3	-0.3	4.4	0.9	-4	72.91	8.28
370	95-PR-0370	488852	5331156	-0.3	-0.3	3.5	1.4	-3	48.52	10
372	95-PR-0372	489238	5331861	-0.3	-0.3	1.1	0.5	-4	52.62	8.17
373	95-PR-0373	490884	5334615	-0.4	-0.4	-0.4	-0.4	-4	54.17	7.53

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav %	g
		Detection limit-->		ppb	ppb	ppb	ppb	ppb		
				0.3	0.3	0.3	0.3	3	0.01	
374	95-PR-0374	490337	5331556	-0.3	-0.3	1.4	0.6	-3	42.48	10
375	95-PR-0375	491768	5334684	-0.3	-0.3	1.0	1.4	-3	48.04	10
376	95-PR-0376	492753	5332993	-0.3	-0.3	0.6	0.5	-4	48.51	7.68
377	95-PR-0377	493075	5333866	-0.3	-0.3	0.8	1.3	-3	59.19	10
379	95-PR-0379	493800	5334350	-0.3	-0.3	0.7	1.3	-3	63.25	10
381	95-PR-0381	495490	5333746	-0.3	-0.3	0.6	1.1	-4	44.82	8.4
382	95-PR-0382	496888	5333323	-0.3	-0.3	-0.3	0.3	-3	62.39	10
383	95-PR-0383	497257	5335528	-0.3	-0.3	-0.3	0.9	-3	44.8	10
384	95-PR-0384	497684	5334699	-0.3	-0.3	0.4	0.5	-4	61.45	8.56
386	95-PR-0386	496905	5332913	-0.3	-0.3	2.2	3.3	4	80.79	10
387	95-PR-0387	497086	5332332	-0.3	-0.3	0.7	0.5	-3	53.53	10
389	95-PR-0389	498241	5334307	-0.3	-0.3	1.1	0.9	-3	51.41	8.74
390	95-PR-0390	498038	5331293	-0.3	-0.3	0.7	1.0	31	56.68	6.22
391	95-PR-0391	463673	5338088	-0.3	-0.3	-0.3	0.9	-3	50.2	10
392	95-PR-0392	464738	5340442	-0.3	-0.3	0.9	1.2	-3	70.11	10
393	95-PR-0393	464992	5339615	0.3	-0.3	-0.3	0.9	-3	43.86	10
394	95-PR-0394	464497	5338522	-0.3	-0.3	0.7	1.2	-3	23.44	10
395	95-PR-0395	464542	5337647	-0.3	-0.3	0.4	1.0	-3	39.38	10
396	95-PR-0396	465979	5339251	-0.3	-0.3	0.3	1.2	-3	40.15	10
397	95-PR-0397	466805	5339125	-0.3	-0.3	0.3	1.0	-3	51.6	10
398	95-PR-0398	467972	5340299	-0.3	-0.3	-0.3	-0.3	-3	56.39	10
399	95-PR-0399	467905	5337508	-0.3	-0.3	-0.3	1.0	-3	63.34	10
400	95-PR-0400	468346	5338277	-0.9	-0.9	-0.9	1.6	-9	64.87	3.18
401	95-PR-0401	469657	5337364	-0.8	-0.8	-0.8	-0.8	-8	92.92	3.69
402	95-PR-0402	470096	5340887	-0.3	-0.3	3.6	2.2	-3	35.49	10
403	95-PR-0403	470320	5340178	-0.3	-0.3	2.7	2.2	-3	36.08	10
404	95-PR-0404	470175	5339400	-0.3	-0.3	8.8	2.0	3	45.59	10
405	95-PR-0405	470753	5339124	-0.3	-0.3	0.9	1.2	-3	81.87	10
406	95-PR-0406	470270	5337625	-0.3	-0.3	0.9	1.4	-3	25.22	10
407	95-PR-0407	472219	5336359	-0.3	-0.3	0.4	1.2	-3	55.23	10
408	95-PR-0408	470211	5336241	-0.3	-0.3	0.9	1.6	-3	28.45	10
409	95-PR-0409	471197	5337596	-0.3	-0.3	-0.3	-0.3	-3	12.8	10
410	95-PR-0410	471071	5336560	-0.3	-0.3	1.4	2.7	-3	44.15	10
412	95-PR-0412	473307	5336765	-0.3	-0.3	1.9	1.0	-4	57.98	7.88
413	95-PR-0413	472919	5337388	-0.3	-0.3	6.9	2.7	3	77.57	10
414	95-PR-0414	473346	5337624	-0.3	-0.3	1.5	1.4	-3	45.27	10
415	95-PR-0415	474055	5338780	-0.3	-0.3	-0.3	0.5	-3	37.68	10
416	95-PR-0416	474708	5338512	-0.3	-0.3	0.6	0.8	-3	12.84	10
417	95-PR-0417	474153	5338012	-0.3	-0.3	-0.3	0.4	-3	61.65	10
418	95-PR-0418	474347	5336892	-0.3	-0.3	-0.3	0.8	-3	60.77	10
419	95-PR-0419	476244	5339647	-0.3	-0.3	-0.3	-0.3	-3	42.66	10
420	95-PR-0420	476384	5337448	-0.3	-0.3	0.4	0.3	-3	55.54	10
421	95-PR-0421	476498	5337019	-0.3	-0.3	-0.3	1.2	-3	61.41	10
422	95-PR-0422	476126	5336152	-0.3	-0.3	-0.3	0.3	-3	8.59	10
423	95-PR-0423	477272	5340649	-0.3	-0.3	-0.3	-0.3	-3	25.87	10
424	95-PR-0424	477238	5338969	-0.3	-0.3	-0.3	0.3	-3	11.56	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit—>		ppb	ppb	ppb	ppb	ppb	%	
									0.01	
425	95-PR-0425	477906	5339621	-0.3	-0.3	-0.3	0.9	3	11.36	10
426	95-PR-0426	478110	5340480	-0.3	-0.3	-0.3	0.8	-3	50.22	10
427	95-PR-0427	477864	5341110	-0.3	-0.3	-0.3	0.9	-3	16.82	10
428	95-PR-0428	478527	5339060	-0.3	-0.3	1.1	0.8	-3	6.48	10
430	95-PR-0430	478902	5336791	0.3	-0.3	0.8	0.8	-3	15.1	9.11
432	95-PR-0432	479363	5340062	-0.3	-0.3	3.6	0.7	-5	60.17	6.47
433	95-PR-0433	480845	5338844	-0.3	-0.3	-0.3	1.3	-3	36.76	10
434	95-PR-0434	481520	5340894	-0.3	-0.3	-0.3	1.2	-3	22.9	10
435	95-PR-0435	482162	5339301	-0.3	-0.3	0.7	1.5	-3	41.18	10
436	95-PR-0436	483530	5339208	-0.3	-0.3	5.1	2.6	4	19.9	10
437	95-PR-0437	482996	5338734	-0.3	-0.3	3.0	1.6	-3	19.84	10
438	95-PR-0438	484444	5340233	-0.3	-0.3	1.6	1.3	-3	14.08	10
439	95-PR-0439	484889	5339320	-0.3	-0.3	2.8	1.5	-3	24.89	10
440	95-PR-0440	484391	5338328	-0.3	-0.3	3.8	1.9	3	11.4	10
443	95-PR-0443	489282	5336236	-0.3	-0.3	2.3	0.5	-3	7.79	10
444	95-PR-0444	490047	5336785	-0.3	-0.3	2.6	1.2	-3	41.8	10
445	95-PR-0445	491060	5339220	-0.3	-0.3	-0.3	1.2	-3	13.22	10
446	95-PR-0446	491218	5337900	-0.3	-0.3	1.5	0.8	-6	70.3	5.01
447	95-PR-0447	491031	5336511	-0.3	-0.3	-0.3	1.0	-3	64.83	10
448	95-PR-0448	491673	5339113	-0.3	-0.3	1.0	1.0	-3	63.99	9.65
449	95-PR-0449	491715	5337122	-0.3	-0.3	-0.3	0.8	-3	34.64	10
450	95-PR-0450	492254	5338679	-0.3	-0.3	1.1	1.8	-3	56.41	10
451	95-PR-0451	492438	5335994	-0.3	-0.3	1.3	1.5	-3	47.28	10
452	95-PR-0452	493384	5338325	-0.3	-0.3	1.0	0.5	-4	46.71	7.79
453	95-PR-0453	493136	5337040	-0.3	-0.3	0.5	1.2	-3	48.55	10
454	95-PR-0454	496725	5339543	-0.3	-0.3	0.3	1.2	-3	19.29	10
455	95-PR-0455	497853	5336678	-0.3	-0.3	-0.3	1.0	-3	60.07	10
456	95-PR-0456	497529	5336328	-0.3	-0.3	-0.3	0.9	-3	64.03	10
458	95-PR-0458	498946	5336331	-0.3	-0.3	1.0	1.0	-3	25.11	10
459	95-PR-0459	454027	5343648	-0.3	-0.3	1.7	1.2	-3	41.76	10
460	95-PR-0460	464178	5342182	-0.3	-0.3	-0.3	0.8	-3	46.68	10
461	95-PR-0461	467604	5342783	-0.3	-0.3	-0.3	1.0	-3	46.88	10
462	95-PR-0462	467879	5342437	-0.3	-0.3	-0.3	0.7	-3	44.93	10
463	95-PR-0463	467886	5341948	-0.3	-0.3	-0.3	0.9	-3	52.83	10
464	95-PR-0464	469456	5343716	-0.3	-0.3	1.0	1.0	-3	47.29	10
465	95-PR-0465	469677	5343092	-0.3	-0.3	1.1	1.6	-3	36.43	10
466	95-PR-0466	470391	5342515	-0.3	-0.3	1.8	1.4	-3		10
467	95-PR-0467	470182	5341922	-0.3	-0.3	1.9	1.4	-3	13.07	10
469	95-PR-0469	471637	5341843	-0.3	-0.3	1.4	1.3	-3	68.7	10
470	95-PR-0470	472143	5340808	-0.3	-0.3	0.9	1.2	-3	56.97	10
471	95-PR-0471	473949	5342399	-0.3	-0.3	1.6	0.6	-4	86.05	7.37
472	95-PR-0472	473088	5343753	-0.3	-0.3	0.9	0.5	-3	14.12	10
477	95-PR-0477	476469	5343215	-0.3	-0.3	-0.3	0.7	-3	10.38	10
478	95-PR-0478	476672	5342712	-0.3	-0.3	-0.3	1.1	-3	47.37	10
479	95-PR-0479	476929	5342547	-0.3	-0.3	1.1	2.0	-3	54.76	10
480	95-PR-0480	476915	5343680	-0.3	-0.3	-0.3	0.5	-3	9.54	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit—>		ppb	ppb	ppb	ppb	ppb	%	
				0.3	0.3	0.3	0.3	3	0.01	
482	95-PR-0482	477565	5342744	-0.3	-0.3	0.5	1.2	-3	50.36	10
486	95-PR-0486	479608	5342707	-0.3	-0.3	1.4	1.4	-3	25.03	10
487	95-PR-0487	480094	5342452	1.0	-0.3	3.7	1.8	-3	44.96	10
488	95-PR-0488	480204	5341082	-0.3	-0.3	3.8	2.3	-4	55.07	8.08
489	95-PR-0489	482500	5342512	-0.3	-0.3	1.7	1.7	-3	38.39	10
490	95-PR-0490	482564	5341859	-0.3	-0.3	0.4	0.6	-4	67.26	8.15
491	95-PR-0491	483800	5341100	-0.3	-0.3	1.1	1.1	-3	73.78	10
493	95-PR-0493	485561	5341582	-0.3	-0.3	1.5	1.7	-3	50.96	10
494	95-PR-0494	485983	5342173	-0.3	-0.3	0.8	1.0	-3	56.4	10
497	95-PR-0497	489652	5343180	-0.3	-0.3	1.4	0.3	-3	69.16	10
498	95-PR-0498	497011	5342498	-0.8	-0.8	-0.8	-0.8	-8	58.15	3.87
499	95-PR-0499	497107	5343504	-0.3	-0.3	2.5	1.5	-3	71.31	10
502	95-PR-0502	498695	5340883	-0.3	-0.3	1.0	0.4	-3	45.96	10
505	95-PR-0505	500348	5318096	-0.3	-0.3	1.1	1.4	-3	37.57	10
506	95-PR-0506	500035	5317184	-0.9	-0.9	-0.9	-0.9	-9	64.44	3.36
507	95-PR-0507	501390	5319401	-0.3	-0.3	0.8	1.0	-3	48.49	10
508	95-PR-0508	501352	5317346	-0.3	-0.3	1.4	1.2	-3	48.5	10
509	95-PR-0509	501068	5316500	-0.3	-0.3	0.8	1.2	-3	37.14	10
510	95-PR-0510	503079	5318889	-0.3	-0.3	2.2	1.4	-3	34.26	10
511	95-PR-0511	503570	5317549	-0.3	-0.3	1.9	1.3	-3	38.53	10
512	95-PR-0512	503778	5317299	-0.3	-0.3	2.0	1.4	-3	43.13	10
513	95-PR-0513	503761	5316196	-0.3	-0.3	1.4	1.3	-3	22.58	10
514	95-PR-0514	504900	5316841	-1.0	-1.0	-1.0	-1.0	-10	70.32	3.07
515	95-PR-0515	505613	5319701	-0.3	-0.3	0.9	1.2	3	36.97	10
516	95-PR-0516	505153	5318170	-0.3	-0.3	1.5	1.2	-3	56.66	10
517	95-PR-0517	506209	5317062	-0.3	-0.3	0.8	0.8	-3	43.87	10
518	95-PR-0518	507392	5319616	-1.0	-1.0	-1.0	-1.0	-10	62.04	3
519	95-PR-0519	508307	5316114	-0.3	-0.3	3.8	1.1	-3	44.22	10
520	95-PR-0520	509750	5317750	-0.3	-0.3	3.4	1.1	2	20.83	10
521	95-PR-0521	509580	5317474	-0.3	-0.3	1.7	0.9	-8	61.91	3.74
522	95-PR-0522	509617	5316918	-0.3	-0.3	1.5	1.4	-3	49.78	10
523	95-PR-0523	509160	5316208	-0.3	-0.3	5.8	2.7	5	35.63	10
524	95-PR-0524	510524	5319273	-0.3	-0.3	3.5	1.9	-3	45.09	10
525	95-PR-0525	510186	5317722	-0.3	-0.3	1.5	1.1	-3	43.56	10
526	95-PR-0526	510848	5316716	-0.3	-0.3	1.5	0.5	-3	8.89	10
527	95-PR-0527	511464	5319674	-0.3	-0.3	0.8	1.1	-3	70.97	10
528	95-PR-0528	511833	5317799	-0.3	-0.3	1.1	1.1	-3	50.9	10
529	95-PR-0529	512243	5316089	-0.3	-0.3	0.5	0.7	-3	46.15	9.07
530	95-PR-0530	512825	5318984	-0.3	-0.3	2.1	1.9	-3	34.09	10
531	95-PR-0531	512628	5318346	-0.3	-0.3	1.5	0.7	-3	17.81	10
532	95-PR-0532	512376	5317858	-0.3	-0.3	0.8	0.6	-3	40.65	10
533	95-PR-0533	513550	5318650	-0.3	-0.3	0.8	0.4	-3	7.91	10
534	95-PR-0534	513955	5317739	-0.3	-0.3	0.7	1.0	-3	44.22	10
535	95-PR-0535	513664	5316676	-0.3	-0.3	1.5	1.5	-3	50.63	10
536	95-PR-0536	514261	5319892	-0.3	-0.3	1.2	1.7	-3	27.65	10
537	95-PR-0537	514729	5318747	-0.3	0.8	1.0	1.1	-3	41.64	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit—>		ppb	ppb	ppb	ppb	ppb	%	
538	95-PR-0538	514685	5317540	-0.6	-0.6	-0.6	0.8	-6	56.88	5.02
539	95-PR-0539	514204	5317035	-0.3	-0.3	1.7	1.9	-3	38.19	10
540	95-PR-0540	515913	5318638	-0.3	-0.3	0.6	0.5	4	18.83	10
541	95-PR-0541	516273	5318598	-0.3	-0.3	1.7	1.6	-3	43.41	10
543	95-PR-0543	517223	5319492	-0.5	-0.5	-0.5	-0.5	-5	64.25	5.62
544	95-PR-0544	517575	5317277	-0.3	-0.3	0.9	1.2	4	44.13	10
546	95-PR-0546	518353	5316436	-0.3	-0.3	1.5	1.6	-3	86.71	10
551	95-PR-0551	520656	5318933	-0.5	-0.5	-0.5	-0.5	-5	78.94	5.47
552	95-PR-0552	520782	5318018	-0.4	-0.4	-0.4	-0.4	-4	74.52	8.22
553	95-PR-0553	521849	5319375	-0.6	-0.6	-0.6	-0.6	-6	64.51	5.01
554	95-PR-0554	521265	5318361	-0.3	-0.3	0.6	0.5	-3	64.18	9.34
555	95-PR-0555	521904	5317960	-0.3	-0.3	0.4	0.7	-3	51.45	9.81
556	95-PR-0556	521006	5316882	-0.3	-0.3	0.6	-0.4	-4	60.79	6.94
557	95-PR-0557	521551	5316483	-0.4	-0.4	-0.4	0.6	-4	48.53	8.24
558	95-PR-0558	521977	5318422	-0.3	-0.3	1.6	1.3	-3	59.74	10
559	95-PR-0559	522333	5317628	-0.3	-0.3	0.4	0.7	-3	49.68	9.06
561	95-PR-0561	523825	5318614	-0.3	-0.3	1.4	1.5	6	47.27	10
563	95-PR-0563	523039	5316715	-0.3	-0.3	1.0	0.7	-4	58.67	8.07
564	95-PR-0564	524176	5319758	-0.3	-0.3	1.7	1.5	-3	66.26	10
565	95-PR-0565	524597	5317496	-0.3	-0.3	1.6	1.7	4	30.85	10
566	95-PR-0566	525618	5317920	-0.3	-0.3	0.9	1.1	-3	66.79	10
567	95-PR-0567	525664	5317355	-1.0	-1.0	-1.0	-1.0	-10	68.54	3.06
568	95-PR-0568	525232	5316538	-0.3	-0.3	2.1	1.8	4	29.63	10
569	95-PR-0569	526444	5319450	-0.3	-0.3	1.0	1.2	-3	66.18	10
570	95-PR-0570	526369	5317819	-0.3	-0.3	0.6	1.3	-3	25.19	10
571	95-PR-0571	526267	5316798	-0.5	-0.5	-0.5	-0.5	-5	46.48	6.32
572	95-PR-0572	527683	5319532	-0.4	-0.4	-0.4	-0.4	-4	56.38	7
573	95-PR-0573	527332	5318809	-0.3	-0.3	0.8	1.0	5	58.04	10
574	95-PR-0574	527563	5317005	-0.3	-0.3	0.5	1.0	-3	59.08	10
575	95-PR-0575	528448	5318927	-0.3	-0.3	0.4	-0.4	-4	59.67	7.86
576	95-PR-0576	528206	5316638	-0.3	-0.3	0.6	1.1	-3	42.9	10
578	95-PR-0578	529363	5318237	-0.9	-0.9	-0.9	-0.9	-9	62.26	3.46
579	95-PR-0579	530631	5318404	-0.3	-0.3	0.8	1.3	-3	32.86	10
581	95-PR-0581	530984	5316686	-0.3	-0.3	1.7	1.5	-3	40.7	10
582	95-PR-0582	533390	5319847	-0.3	-0.3	0.7	1.0	-3	38.03	10
586	95-PR-0586	536566	5317892	-0.3	-0.3	-0.3	-0.3	-3	48.93	10
587	95-PR-0587	536747	5316781	-0.3	-0.3	0.5	1.0	132	56.27	10
588	95-PR-0588	537152	5319639	-1.0	-1.0	-1.0	-1.0	-10	52.41	3.01
589	95-PR-0589	537202	5318304	-0.6	-0.6	-0.6	-0.6	-6	40.48	5.06
590	95-PR-0590	537216	5317566	-0.3	-0.3	0.6	1.3	-3	32.96	10
591	95-PR-0591	499976	5321132	-0.3	-0.3	1.1	1.3	-3	44.39	10
592	95-PR-0592	501433	5324787	-0.3	-0.3	0.7	0.6	-3	66.04	8.63
593	95-PR-0593	501290	5322022	-0.3	-0.3	-0.3	0.6	-3	65.42	8.64
594	95-PR-0594	502697	5322782	-0.3	-0.3	2.2	1.6	3	48.15	10
595	95-PR-0595	503339	5324704	-0.3	-0.3	2.7	1.4	-4	37.07	8.33
596	95-PR-0596	503292	5323132	-0.3	-0.3	2.1	0.8	-6	6.97	5.01

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav %	g
				ppb	ppb	ppb	ppb	ppb		
				0.3	0.3	0.3	0.3	3		
		Detection limit-->		0.3	0.3	0.3	0.3	3	0.01	
597	95-PR-0597	503900	5323250	-0.3	-0.3	1.4	0.5	-3	26.35	10
598	95-PR-0598	503846	5322434	-0.3	-0.3	2.6	2.0	4	38.51	10
599	95-PR-0599	502947	5322072	-0.4	-0.4	-0.4	-0.4	-4	58.34	7.28
601	95-PR-0601	503590	5320079	-0.3	-0.3	3.5	1.4	-8	51.82	3.77
602	95-PR-0602	504096	5324281	-0.3	-0.3	1.1	1.5	-3	64.5	10
603	95-PR-0603	504422	5323332	-0.3	-0.3	1.9	1.6	-3	37.7	10
605	95-PR-0605	505180	5323500	-0.3	-0.3	1.9	1.6	-3	45.84	10
606	95-PR-0606	505046	5320593	-0.3	-0.3	0.9	1.0	-3	39.07	10
607	95-PR-0607	506058	5322462	-0.3	-0.3	2.4	1.5	-3	39.12	10
608	95-PR-0608	506445	5322246	-0.3	-0.3	3.7	2.6	-3	48.73	10
609	95-PR-0609	507524	5323420	-0.3	-0.3	0.9	0.6	-3	74.72	10
610	95-PR-0610	508648	5322919	-0.3	-0.3	1.1	1.6	3	57.55	10
611	95-PR-0611	508145	5320915	-0.3	-0.3	1.3	1.6	3	38.96	10
612	95-PR-0612	509713	5324640	-0.3	-0.3	1.6	1.7	6	24.2	10
613	95-PR-0613	509128	5322717	-0.3	-0.3	1.2	1.0	-3	61.03	10
615	95-PR-0615	510575	5324737	-0.3	-0.3	0.7	0.6	-3	54.56	9.71
616	95-PR-0616	510317	5322928	-0.3	-0.3	6.0	2.8	-6	68.09	5.05
617	95-PR-0617	510776	5321693	-0.8	-0.8	-0.8	-0.8	-8	80.46	3.68
618	95-PR-0618	510247	5321368	-0.3	-0.3	1.9	1.3	-3	44.9	10
620	95-PR-0620	510868	5319876	-0.3	-0.3	-0.3	0.4	-3	9.43	10
621	95-PR-0621	511062	5324966	-0.3	-0.3	1.0	1.3	-3	51.78	10
622	95-PR-0622	511686	5324422	-0.3	-0.3	1.6	1.5	-3	63.55	10
623	95-PR-0623	511698	5323942	-0.3	-0.3	1.1	0.7	-3	70.4	8.58
624	95-PR-0624	511033	5320922	-0.3	-0.3	2.2	1.7	-3	70.68	10
625	95-PR-0625	511986	5323637	-0.3	-0.3	0.5	0.8	-3	64.69	9.27
626	95-PR-0626	512247	5321668	-0.8	-0.8	-0.8	-0.8	-8	79.66	3.6
628	95-PR-0628	513963	5322696	-0.7	-0.7	-0.7	-0.7	-7	83.22	4.38
629	95-PR-0629	513027	5321813	-0.3	-0.3	1.3	1.8	-3	51.3	10
630	95-PR-0630	513563	5321414	-0.3	-0.3	0.7	1.3	-3	63.85	10
631	95-PR-0631	513213	5320097	-0.3	-0.3	1.1	1.3	-3	52.54	10
632	95-PR-0632	513612	5320004	-0.3	-0.3	0.4	0.9	-3	11.16	10
633	95-PR-0633	514694	5321937	-0.5	-0.5	-0.5	-0.5	-5	69.67	5.92
634	95-PR-0634	514398	5320822	-0.3	-0.3	1.0	1.2	-3	40.46	10
635	95-PR-0635	515102	5323860	-0.3	-0.3	0.5	0.5	-5	71.97	6.56
637	95-PR-0637	516620	5324603	-0.3	-0.3	0.9	1.1	-3	50.08	10
638	95-PR-0638	517211	5324885	-0.3	-0.3	0.8	0.4	-3	35.65	10
639	95-PR-0639	517868	5322751	-0.3	-0.3	1.0	0.7	-3	67.82	10
640	95-PR-0640	517500	5321913	0.5	-0.3	0.5	0.4	-3	45.3	10
642	95-PR-0642	518657	5324648	-0.3	-0.3	1.5	0.6	-3	44.3	10
643	95-PR-0643	518539	5323850	-0.3	-0.3	1.0	0.5	-3	46.52	10
644	95-PR-0644	518233	5322163	-0.3	-0.3	-0.3	-0.3	-3	56.46	10
646	95-PR-0646	519827	5324864	-0.3	-0.3	2.6	1.9	-3	30.51	10
647	95-PR-0647	520917	5322650	-0.3	-0.3	1.0	0.9	3	40.23	10
648	95-PR-0648	519848	5323277	-0.3	-0.3	1.5	1.0	-3	30.65	10
650	95-PR-0650	520479	5323769	-0.3	-0.3	1.7	1.6	-3	45.41	10
651	95-PR-0651	521738	5324210	-0.5	-0.5	-0.5	-0.5	-5	54.48	5.79

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit-->		ppb	ppb	ppb	ppb	ppb	%	
				0.3	0.3	0.3	0.3	3	0.01	
652	95-PR-0652	519711	5324243	-0.3	-0.3	-0.3	-0.3	-3	28.1	10
653	95-PR-0653	521787	5322431	-0.3	-0.3	0.4	0.3	-3	36.05	10
655	95-PR-0655	522836	5324698	-0.6	-0.6	-0.6	-0.6	-6	56.83	5.38
656	95-PR-0656	522678	5324121	-0.3	-0.3	0.8	0.6	-3	46.7	10
657	95-PR-0657	522796	5322689	-0.3	-0.3	0.8	0.5	-3	42.24	10
658	95-PR-0658	521994	5321317	-0.3	-0.3	1.1	1.3	-3	25.55	10
659	95-PR-0659	522878	5320206	-0.3	-0.3	0.5	1.4	7	25.91	10
660	95-PR-0660	523650	5324350	-0.3	-0.3	-0.3	-0.3	-3	8.43	10
661	95-PR-0661	523548	5323342	-0.3	-0.3	-0.3	0.4	-3	13.3	10
662	95-PR-0662	523789	5321514	-0.3	-0.3	0.6	0.4	-3	13.47	10
663	95-PR-0663	524577	5323296	-0.3	-0.3	0.7	0.5	-3	12.37	10
664	95-PR-0664	524539	5322482	-0.3	-0.3	0.5	0.4	-3	39.27	10
665	95-PR-0665	524461	5321704	-0.3	-0.3	0.4	0.4	4	23.21	10
666	95-PR-0666	524207	5320992	-0.3	-0.3	-0.3	-0.3	-3	38.71	10
667	95-PR-0667	525050	5322708	-0.3	-0.3	0.9	0.6	-3	46	10
668	95-PR-0668	525057	5321837	-0.3	-0.3	1.7	0.8	-3	51.59	10
669	95-PR-0669	525724	5321192	-0.3	-0.3	6.1	1.6	6	14.29	10
670	95-PR-0670	525975	5323607	-0.3	-0.3	0.5	0.4	-3		10
671	95-PR-0671	526624	5322556	-0.3	-0.3	0.3	0.4	-3	35.81	10
672	95-PR-0672	526366	5321722	-0.3	-0.3	0.5	0.4	-3	30.21	10
673	95-PR-0673	526568	5320094	-0.4	-0.4	-0.4	-0.4	-4	33.92	7.58
674	95-PR-0674	527393	5323398	-0.3	-0.3	0.8	0.6	-3	39.87	10
675	95-PR-0675	527982	5321173	-0.3	-0.3	0.7	0.5	-3	23.45	10
676	95-PR-0676	528011	5320524	-0.3	-0.3	0.4	0.5	4	42.59	10
677	95-PR-0677	529380	5324798	-0.3	-0.3	1.0	0.5	-3	35.03	10
678	95-PR-0678	529060	5323276	-0.3	-0.3	0.5	0.4	-3	34.87	10
679	95-PR-0679	528843	5322236	-0.3	-0.3	1.5	0.8	-3	9.55	10
680	95-PR-0680	528912	5320270	-0.5	-0.5	-0.5	-0.5	-5	55.41	5.71
681	95-PR-0681	530664	5324572	-0.3	-0.3	0.4	0.7	-3	24.81	10
682	95-PR-0682	530219	5323442	-0.3	-0.3	-0.3	0.7	-3	23.73	10
683	95-PR-0683	530257	5322891	-0.3	-0.3	0.4	0.4	-3	35.18	9.31
685	95-PR-0685	530470	5322142	-0.8	-0.8	-0.8	0.8	-8	43.15	4
686	95-PR-0686	530550	5321453	-0.4	-0.4	-0.4	-0.4	-4	48.63	6.77
688	95-PR-0688	530141	5320854	-1.0	-1.0	-1.0	-1.0	-10	61.99	3.01
689	95-PR-0689	529905	5320243	1.0	-1.0	-1.0	-1.0	-10	57.41	3
690	95-PR-0690	531427	5324641	-0.3	-0.3	0.9	0.9	-3	37.72	10
691	95-PR-0691	531325	5323800	-0.3	-0.3	0.6	0.6	-3	27.2	10
692	95-PR-0692	531191	5323093	-0.3	-0.3	-0.3	0.7	-3	33.3	9.95
693	95-PR-0693	532068	5323809	-0.3	-0.3	0.4	0.8	-3	30.15	10
694	95-PR-0694	531292	5320958	-0.3	-0.3	0.4	0.8	-3	31.04	10
695	95-PR-0695	530906	5324229	-0.3	-0.3	-0.3	0.5	-3	26.51	10
697	95-PR-0697	534328	5324048	-0.8	-0.8	-0.8	-0.8	-8	66.84	3.57
698	95-PR-0698	534275	5323177	-0.8	-0.8	-0.8	-0.8	-8	64.2	3.88
699	95-PR-0699	533265	5320782	-0.3	-0.3	-0.3	-0.3	-3	40.15	10
700	95-PR-0700	536614	5321493	-0.3	-0.3	-0.3	0.3	-3	49.3	10
701	95-PR-0701	536789	5320760	-0.8	-0.8	-0.8	-0.8	-8	68.24	3.68

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit-->		ppb	ppb	ppb	ppb	ppb	%	
				0.3	0.3	0.3	0.3	3	0.01	
704	95-PR-0704	500646	5327769	-0.3	-0.3	0.5	0.5	-4	58.75	7.92
705	95-PR-0705	500122	5327140	-0.4	-0.4	-0.4	-0.4	-4	58.68	7.91
706	95-PR-0706	500916	5325661	-0.3	-0.3	0.4	0.8	-3	52.08	9.38
707	95-PR-0707	500577	5325418	-0.3	-0.3	-0.3	0.3	-3	46.94	10
708	95-PR-0708	502055	5331431	-0.3	-0.3	0.5	0.5	-3	57.85	9.55
709	95-PR-0709	501944	5328206	-0.3	-0.3	2.7	1.1	-3	4.58	10
710	95-PR-0710	501767	5327692	-0.3	-0.3	3.9	1.6	-3	45.3	8.83
711	95-PR-0711	501911	5326863	-0.3	-0.3	1.6	0.8	-3	26.93	10
713	95-PR-0713	502626	5329034	-0.3	-0.3	1.5	0.4	-3	17.11	10
714	95-PR-0714	502643	5327164	-0.3	-0.3	0.8	0.4	-3	49.73	10
715	95-PR-0715	522641	5326272	-0.3	-0.3	0.4	-0.3	-3	35.93	10
716	95-PR-0716	503563	5328786	-0.3	-0.3	-0.3	0.5	-3	34.75	10
717	95-PR-0717	503950	5327170	-0.3	-0.3	1.4	1.0	-3	52.82	10
718	95-PR-0718	503735	5326816	-0.3	-0.3	3.4	1.9	-5	44.85	5.86
719	95-PR-0719	503858	5326174	-0.3	-0.3	1.8	0.9	-7	70.38	4.26
720	95-PR-0720	504474	5328118	-0.3	-0.3	0.6	0.8	-3	25.06	10
721	95-PR-0721	505044	5326603	-0.3	-0.3	1.1	0.9	-3	10.76	10
722	95-PR-0722	504541	5325819	-0.3	-0.3	1.5	0.9	-3	42.2	9.88
723	95-PR-0723	506756	5328343	-0.3	-0.3	1.4	0.8	-3	56.29	10
724	95-PR-0724	506500	5325538	-0.3	-0.3	1.2	1.8	-3	39.25	10
725	95-PR-0725	509076	5327503	-0.3	-0.3	0.6	0.7	-3	40.06	10
726	95-PR-0726	507231	5326207	-0.3	-0.3	0.3	0.5	-3	45.51	10
727	95-PR-0727	507564	5325072	-0.3	-0.3	1.0	0.8	-3	52.95	10
729	95-PR-0729	508788	5328156	-0.3	-0.3	1.0	0.7	-3	10.58	10
730	95-PR-0730	508415	5327523	-0.3	-0.3	1.1	1.4	-3	22.15	10
731	95-PR-0731	508163	5324995	-0.3	-0.3	0.7	0.6	-3	31.89	10
732	95-PR-0732	507550	5326600	-0.3	-0.3	3.0	1.0	-10	70.02	3.01
735	95-PR-0735	510971	5329641	-0.3	-0.3	-0.3	-0.3	-3	17.92	10
736	95-PR-0736	511461	5328272	-0.5	-0.5	-0.5	-0.5	-5	51.85	5.61
737	95-PR-0737	511161	5327401	-0.3	-0.3	0.8	1.8	-3	55.27	10
738	95-PR-0738	513936	5328309	-0.3	-0.3	0.9	0.8	-3	34.97	10
739	95-PR-0739	513150	5326750	-0.7	-0.7	-0.7	-0.7	-7	61.24	4.08
740	95-PR-0740	514437	5327604	-0.3	-0.3	0.7	0.5	-3	51.8	10
741	95-PR-0741	514061	5327415	-0.3	-0.3	0.6	0.5	-3	44.22	10
742	95-PR-0742	515900	5326300	-0.3	-0.3	1.8	0.7	-3	18.98	10
743	95-PR-0743	515435	5325213	-0.3	-0.3	1.9	1.8	-3	70.75	9.9
744	95-PR-0744	516136	5329958	-0.3	-0.3	0.3	0.5	-3	17.95	10
745	95-PR-0745	516537	5325644	-0.3	-0.3	-0.3	0.6	4	13.05	10
747	95-PR-0747	517227	5328509	-0.3	-0.3	0.7	0.4	5	69.13	10
750	95-PR-0750	517279	5325431	-0.3	-0.3	0.3	0.4	-3	42.18	10
751	95-PR-0751	518348	5329631	-0.3	-0.3	3.9	1.9	4	24.97	10
752	95-PR-0752	518309	5329108	-0.3	-0.3	6.5	2.9	-3	47.12	10
753	95-PR-0753	518403	5328040	-0.9	-0.9	-0.9	-0.9	-9	78.09	3.39
754	95-PR-0754	517846	5328582	-0.3	-0.3	2.0	-1.0	-10	78.62	3
755	95-PR-0755	518898	5329188	-0.6	-0.6	-0.6	-0.6	-6	80.74	5.03
756	95-PR-0756	518000	5326900	-0.3	-0.3	0.6	-0.3	-3	55.58	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit-->		ppb	ppb	ppb	ppb	ppb		
				0.3	0.3	0.3	0.3	3		
757	95-PR-0757	518488	5326146	-0.3	-0.3	3.1	2.2	-3	16.39	10
758	95-PR-0758	519042	5329566	-1.0	-1.0	-1.0	-1.0	-10	77.18	3.01
759	95-PR-0759	519629	5328845	-0.3	-0.3	0.9	1.4	-3	33.16	10
760	95-PR-0760	519826	5328160	-1.0	-1.0	-1.0	-1.0	-10	64.46	3.14
762	95-PR-0762	519593	5326456	-0.3	-0.3	0.6	0.3	-3	45.47	10
763	95-PR-0763	519208	5325638	-0.3	-0.3	2.5	1.6	-3	36.75	10
764	95-PR-0764	520655	5328637	-0.3	-0.3	0.8	0.5	-3	33.28	10
765	95-PR-0765	520874	5327910	-0.3	-0.3	1.1	0.8	-3	31.54	10
767	95-PR-0767	521095	5329750	-0.3	-0.3	0.9	1.0	-3	44.07	10
768	95-PR-0768	521330	5329526	-0.3	-0.3	0.5	0.5	-3	57.44	9.75
769	95-PR-0769	521403	5329033	-0.3	-0.3	0.9	1.2	-3	62.2	10
770	95-PR-0770	521752	5328597	-0.3	-0.3	0.3	-0.3	-3	43.85	10
771	95-PR-0771	521487	5327191	-1.0	-1.0	-1.0	-1.0	-10	53.94	3.12
773	95-PR-0773	521642	5325261	-0.4	-0.4	-0.4	-0.4	-4	46.98	8.33
774	95-PR-0774	522728	5328164	-0.4	-0.4	-0.4	-0.4	-4	68.38	7.94
775	95-PR-0775	502955	5325477	-0.3	-0.3	4.3	2.2	-3	42.96	10
777	95-PR-0777	525409	5327395	-0.3	-0.3	0.9	0.6	-3	27.16	10
778	95-PR-0778	524963	5325160	-0.6	-0.6	-0.6	-0.6	-6	38.84	5.02
779	95-PR-0779	526272	5329304	-0.3	-0.3	0.7	0.5	-3	40.25	10
780	95-PR-0780	526218	5328412	-0.3	-0.3	0.4	0.3	-3	40.48	10
781	95-PR-0781	526786	5327511	-0.5	-0.5	-0.5	-0.5	-5	48.48	5.85
782	95-PR-0782	526070	5326369	-0.3	-0.3	0.6	0.5	-3	30.31	10
783	95-PR-0783	526040	5325388	-0.3	-0.3	0.3	0.6	-3	21.64	10
784	95-PR-0784	528191	5328450	-0.3	-0.3	-0.3	-0.3	-3	37.65	10
785	95-PR-0785	527423	5328099	-0.3	-0.3	0.5	0.7	-3	29.67	10
786	95-PR-0786	527824	5326753	-0.3	-0.3	0.5	-0.4	-4	47.37	7.31
787	95-PR-0787	528161	5325519	-0.3	-0.3	0.4	0.4	-3	29.99	10
788	95-PR-0788	527649	5329652	-0.3	-0.3	0.5	0.9	-3	34.35	10
789	95-PR-0789	528528	5326502	-0.3	-0.3	0.6	0.5	-3	17.26	10
790	95-PR-0790	529055	5329127	-0.5	-0.5	-0.5	-0.5	-5	45.07	5.78
791	95-PR-0791	529752	5329242	-0.3	-0.3	0.7	0.5	-3	39.07	10
792	95-PR-0792	530774	5328626	-0.3	-0.3	-0.3	0.6	-3	47.87	10
793	95-PR-0793	529961	5327754	-0.3	-0.3	0.9	0.4	-3	38.86	10
794	95-PR-0794	530017	5326869	-0.3	-0.3	0.4	0.5	-3	50.13	10
795	95-PR-0795	529981	5325323	-0.3	-0.3	0.4	0.5	-3	38.24	10
796	95-PR-0796	530806	5325452	-0.3	-0.3	0.3	0.5	6	30.31	8.83
798	95-PR-0798	531703	5328396	-0.3	-0.3	1.1	0.5	-4	43.78	6.85
799	95-PR-0799	531402	5325421	-0.3	-0.3	0.4	0.5	-3	27.9	10
800	95-PR-0800	532143	5327195	-0.8	-0.8	-0.8	-0.8	-8	43.29	3.54
801	95-PR-0801	532303	5325491	-0.3	-0.3	0.6	0.6	-3	45.27	10
802	95-PR-0802	533014	5327128	-0.3	-0.3	1.0	0.5	-3	52.23	10
803	95-PR-0803	533674	5328818	-0.3	-0.3	1.2	1.2	-3	51.59	10
804	95-PR-0804	533756	5327041	-0.3	-0.3	2.0	1.0	-10	70.15	3.01
805	95-PR-0805	533938	5325126	-1.0	-1.0	-1.0	-1.0	-10	53.04	3.05
806	95-PR-0806	534440	5328333	-0.3	-0.3	0.8	0.4	-3	35.35	10
807	95-PR-0807	534386	5326870	-0.5	-0.5	-0.5	-0.5	-5	57.01	6.04

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav	g
		Detection limit-->		ppb	ppb	ppb	ppb	ppb	%	
				0.3	0.3	0.3	0.3	3	0.01	
808	95-PR-0808	534376	5325617	-0.3	-0.3	0.5	-0.3	-3	37.74	10
809	95-PR-0809	501883	5329850	-0.3	-0.3	1.0	-1.0	-10	79.3	3.01
810	95-PR-0810	502545	5329752	-0.3	-0.3	0.4	0.7	-3	57.42	9
813	95-PR-0813	502797	5331861	-0.3	-0.3	0.6	0.6	-3	17.3	10
814	95-PR-0814	502900	5331150	-0.3	-0.3	0.5	0.5	-3	16.95	10
817	95-PR-0817	510025	5333530	-0.3	-0.3	0.5	-0.3	-3	50.81	10
818	95-PR-0818	510720	5332419	-0.3	-0.3	1.1	-0.3	-3	47.33	10
819	95-PR-0819	510407	5331900	-0.3	-0.3	0.9	-0.3	-3	45.23	10
820	95-PR-0820	510547	5331252	-0.3	-0.3	0.8	0.3	-3	43.74	10
821	95-PR-0821	510410	5330753	-0.3	-0.3	0.7	-0.3	-3	44	10
822	95-PR-0822	512008	5330158	-0.6	-0.6	-0.6	0.7	-6	57.99	5.08
824	95-PR-0824	512473	5334745	-0.3	-0.3	0.3	-0.3	-3	7.62	10
828	95-PR-0828	514267	5332018	-0.3	-0.3	0.7	1.1	-3	24.03	10
829	95-PR-0829	514153	5333324	-0.3	-0.3	0.8	0.5	-3	15.67	10
830	95-PR-0830	515556	5333402	-0.6	-0.6	-0.6	-0.6	-6	52.67	5.03
831	95-PR-0831	515540	5332058	-0.6	-0.6	-0.6	-0.6	-6	59.23	5.02
832	95-PR-0832	515596	5331420	-0.3	-0.3	0.6	0.9	-3	56.98	10
834	95-PR-0834	517284	5333913	-0.3	-0.3	0.8	0.8	-6	65.34	5.05
835	95-PR-0835	517268	5332917	-0.3	-0.3	1.2	1.2	-3	58.34	10
836	95-PR-0836	516956	5331189	-0.3	-0.3	1.7	1.3	-3	40.32	10
837	95-PR-0837	518214	5334279	-0.3	-0.3	0.6	1.1	-3	53.59	8.79
838	95-PR-0838	518703	5334009	-0.3	-0.3	0.6	-0.3	-3	42.21	10
839	95-PR-0839	518168	5333418	-0.3	-0.3	2.1	1.2	-8	58.53	3.55
840	95-PR-0840	518157	5332530	-0.3	-0.3	0.8	0.7	-1	19.03	10
841	95-PR-0841	518320	5331844	-0.3	-0.3	1.1	0.8	-3	32.49	10
842	95-PR-0842	518348	5330713	-0.3	-0.3	1.2	0.6	-3	38.26	10
843	95-PR-0843	519801	5334040	-0.3	-0.3	0.4	0.4	-3	55.03	10
844	95-PR-0844	519412	5332570	-0.4	-0.4	-0.4	0.5	-4	66.62	8.5
845	95-PR-0845	519390	5331607	-0.3	-0.3	0.9	1.1	-3	40.29	8.93
847	95-PR-0847	519621	5330054	-0.6	-0.6	-0.6	-0.6	-6	53.7	5.01
848	95-PR-0848	520629	5334304	-0.3	-0.3	1.2	-0.3	-3	55.54	10
849	95-PR-0849	521063	5332962	0.4	-0.3	3.1	1.9	-3	36.87	10
850	95-PR-0850	521686	5334721	0.4	-0.3	1.7	1.6	-3	34.78	10
851	95-PR-0851	521279	5331964	-0.3	-0.3	0.9	1.8	-3	38.89	10
852	95-PR-0852	521832	5331157	-0.3	-0.3	1.7	1.5	-3	37.82	10
853	95-PR-0853	522498	5333770	-0.3	-0.3	1.5	1.1	4	7.44	10
854	95-PR-0854	523200	5334900	-0.3	-0.3	1.3	1.2	-3	6.85	10
855	95-PR-0855	523196	5334593	-0.3	-0.3	1.5	1.5	-3	32.32	10
856	95-PR-0856	523262	5333722	0.3	-0.3	-0.3	0.4	-3	10.88	10
857	95-PR-0857	524363	5333155	-1.0	-1.0	-1.0	-1.0	-10	56.36	3
858	95-PR-0858	524705	5330992	-0.8	-0.8	-0.8	-0.8	-8	46.83	3.57
859	95-PR-0859	525883	5334490	-0.3	-0.3	0.5	1.4	-3	40.01	10
860	95-PR-0860	525499	5333466	-0.8	-0.8	-0.8	-0.8	-8	58.54	3.79
862	95-PR-0862	526451	5330578	-0.3	-0.3	-0.3	1.3	-3	46.87	10
863	95-PR-0863	527604	5330736	0.3	-0.3	-0.3	1.4	-3	49.03	10
864	95-PR-0864	528214	5334236	0.3	-0.3	1.0	1.5	-3	42.27	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav %	g
				ppb	ppb	ppb	ppb	ppb		
		Detection limit---->		0.3	0.3	0.3	0.3	3	0.01	
865	95-PR-0865	528433	5333735	-0.3	-0.3	0.5	1.5	-3	44.59	10
866	95-PR-0866	528307	5332991	0.4	-0.3	0.8	1.5	-3	39.89	10
867	95-PR-0867	529019	5334072	-0.8	-0.8	-0.8	-0.8	-8	67.93	3.79
868	95-PR-0868	529186	5332493	-0.3	-0.3	0.3	1.5	-3	43.24	10
869	95-PR-0869	529120	5330782	0.3	-0.3	0.8	1.3	-3	19.64	10
870	95-PR-0870	529136	5330343	0.4	-0.3	0.7	1.5	-3	37.46	10
871	95-PR-0871	530767	5333619	-0.3	-0.3	1.3	1.6	-3	37.53	10
872	95-PR-0872	530945	5332378	0.3	-0.3	2.0	2.0	3	35.6	10
874	95-PR-0874	531265	5332627	-1.0	-1.0	-1.0	-1.0	-10	66.8	3.01
875	95-PR-0875	531260	5331985	-1.0	-1.0	-1.0	-1.0	-10	61.13	3
876	95-PR-0876	530963	5330907	-0.3	-0.3	0.7	0.8	-3	41.86	10
878	95-PR-0878	532055	5333773	-0.3	-0.3	-0.3	1.2	-3	22.81	10
879	95-PR-0879	532736	5331571	0.4	-0.3	0.9	1.7	-3	26.26	10
880	95-PR-0880	533550	5331275	0.3	-0.3	0.7	0.6	-3	12.06	10
881	95-PR-0881	534350	5334750	-0.3	-0.3	0.4	0.4	-3	28.2	10
882	95-PR-0882	534681	5334223	-0.3	-0.3	0.7	0.8	-3	29.29	10
883	95-PR-0883	535161	5333286	-0.4	-0.4	-0.4	0.6	-4	23.73	7.22
884	95-PR-0884	535627	5332829	-0.5	-0.5	-0.5	-0.5	-5	64.25	5.57
885	95-PR-0885	535404	5332574	-0.4	-0.4	-0.4	0.6	-4	59.02	7.71
887	95-PR-0887	534390	5332252	-0.6	-0.6	-0.6	-0.6	-6	56.36	5.01
888	95-PR-0888	535053	5331253	0.4	-0.3	0.7	1.4	-3	26.67	10
889	95-PR-0889	534500	5330749	-0.3	-0.3	0.9	1.5	-3	28.16	10
891	95-PR-0891	537052	5331734	-0.3	-0.3	0.6	1.6	-3	39.67	10
892	95-PR-0892	536480	5331409	0.4	-0.3	1.5	1.9	7	16.87	10
893	95-PR-0893	536439	5334059	-0.4	-0.4	-0.4	-0.4	-4	77.67	8.51
894	95-PR-0894	505802	5335791	0.4	-0.3	-0.3	0.3	-3	14.3	10
898	95-PR-0898	517129	5337092	0.4	-0.3	0.9	0.8	-3	13.39	10
899	95-PR-0899	517312	5335677	-0.3	-0.3	-0.3	1.0	-3	29.91	10
903	95-PR-0903	518169	5336408	0.3	-0.3	1.3	1.7	-3	30.71	10
904	95-PR-0904	518199	5335406	-0.3	-0.3	0.8	1.5	-3	38.73	10
906	95-PR-0906	517860	5338075	-0.3	-0.3	0.4	0.5	-3	15.2	10
907	95-PR-0907	519068	5336545	-0.3	-0.3	-0.3	-0.3	-3	12.47	10
909	95-PR-0909	520665	5337551	-0.3	-0.3	-0.3	1.2	-3	40.29	10
910	95-PR-0910	520547	5335071	-0.3	-0.3	0.4	0.6	-3	45.16	9.46
911	95-PR-0911	521010	5339459	-0.3	-0.3	-0.3	1.2	-3	21.55	10
912	95-PR-0912	521772	5339485	-0.3	-0.3	3.8	1.0	-8	77.63	3.67
915	95-PR-0915	522164	5337997	-0.3	-0.3	0.3	0.6	-3	71.2	10
916	95-PR-0916	522775	5338236	-0.6	-0.6	-0.6	-0.6	-6	68.82	5.02
920	95-PR-0920	524608	5338649	-0.3	-0.3	0.8	-0.4	-4	47.65	7.01
921	95-PR-0921	523548	5338622	-0.3	-0.3	0.8	1.4	-3	51.74	10
923	95-PR-0923	526579	5339415	-0.3	-0.3	0.8	1.4	-3	34.64	10
924	95-PR-0924	526807	5339068	-0.3	-0.3	1.6	1.6	-3	43.68	10
925	95-PR-0925	527028	5338576	-0.3	-0.3	4.1	1.5	-3	46.3	10
926	95-PR-0926	526971	5337047	-0.3	-0.3	2.3	1.9	5	37.17	10
927	95-PR-0927	527049	5336419	-0.3	-0.3	0.7	1.4	3	30.86	10
928	95-PR-0928	527785	5335133	-0.6	-0.6	-0.6	-0.6	-6	49.44	5.28

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav %	g
		Detection limit-->		ppb	ppb	ppb	ppb	ppb		
929	95-PR-0929	529728	5338509	-0.3	-0.3	0.6	-0.3	6	13.74	10
930	95-PR-0930	530036	5339787	-0.3	-0.3	1.3	1.2	-3	33.17	10
931	95-PR-0931	531255	5339179	-0.3	-0.3	0.8	0.5	-3	9.62	10
932	95-PR-0932	531222	5337624	-0.3	-0.3	1.2	1.4	-3	41.69	10
933	95-PR-0933	532009	5338999	0.5	-0.3	2.4	1.3	3	5.28	10
934	95-PR-0934	531893	5338413	0.4	-0.3	1.4	1.5	-3	10.37	10
936	95-PR-0936	531966	5337498	-0.3	-0.3	3.4	1.1	4	41.45	10
938	95-PR-0938	531382	5335347	-0.3	-0.3	0.6	1.3	-3	51.05	10
939	95-PR-0939	532567	5336655	-0.9	-0.9	-0.9	-0.9	-9	63.88	3.21
940	95-PR-0940	532526	5339973	-0.3	-0.3	-0.3	-0.3	-3	1.28	10
941	95-PR-0941	533103	5339166	-0.3	-0.3	1.6	1.2	-3	12.05	10
942	95-PR-0942	533425	5337927	-0.3	-0.3	1.4	1.3	2	30.09	10
943	95-PR-0943	533509	5337083	-0.3	-0.3	1.4	1.2	2	24.73	10
946	95-PR-0946	534024	5339741	-0.3	-0.3	0.6	-0.6	-6	77.34	5.11
947	95-PR-0947	534680	5338545	-0.3	-0.3	2.5	1.6	-4	35.13	7.41
948	95-PR-0948	535023	5339824	0.4	-0.3	0.6	0.5	-3	34.41	10
949	95-PR-0949	534203	5337852	-0.3	-0.3	-0.3	-0.3	-3	55.32	10
950	95-PR-0950	533812	5336576	-0.3	-0.3	2.1	2.1	-3	38.31	10
951	95-PR-0951	534895	5335324	-0.3	-0.3	-0.3	1.1	-3	32.91	10
952	95-PR-0952	535518	5335132	-0.3	-0.3	-0.3	1.2	-3	21.79	10
953	95-PR-0953	535807	5338472	-0.6	-0.6	-0.6	-0.6	-6	84.47	5.07
954	95-PR-0954	535563	5336556	-0.6	-0.6	-0.6	-0.6	-6	45.6	5
955	95-PR-0955	535080	5335972	-0.3	-0.3	-0.3	1.4	-3	38.09	10
957	95-PR-0957	536895	5339765	-0.3	-0.3	1.3	0.9	-4	54.16	7.88
959	95-PR-0959	537108	5338380	-0.3	-0.3	1.4	-0.6	-6	56.54	5.23
960	95-PR-0960	537813	5339261	-0.3	-0.3	-0.3	1.2	-3	44.14	10
961	95-PR-0961	536310	5337171	-0.3	-0.3	-0.3	1.0	-3	23.48	10
962	95-PR-0962	536500	5336391	-0.5	-0.5	-0.5	-0.5	-5	47.89	6.46
963	95-PR-0963	504022	5343863	-0.3	-0.3	-0.3	1.3	-3	33.34	10
964	95-PR-0964	504553	5343253	-0.3	-0.3	0.2	0.4	-3	25.52	10
965	95-PR-0965	504675	5342956	-0.3	-0.3	0.4	0.4	9	22.27	10
966	95-PR-0966	504586	5341326	-0.3	-0.3	0.6	1.1	-3	33.9	10
967	95-PR-0967	504449	5340951	-0.3	-0.3	-0.3	1.3	-3	35.66	10
969	95-PR-0969	509110	5340452	-0.3	-0.3	-0.3	0.3	-3	11.55	10
970	95-PR-0970	518710	5343373	-0.3	-0.3	-0.3	0.4	-3	11.51	10
971	95-PR-0971	518729	5342680	-0.3	-0.3	-0.3	1.1	-3	11.88	10
973	95-PR-0973	518926	5341151	-0.3	-0.3	-0.3	0.4	-3	3.83	10
975	95-PR-0975	520516	5343557	-0.3	-0.3	3.4	0.8	-3	42.94	9.25
976	95-PR-0976	520113	5343132	-0.3	-0.3	2.6	-0.8	-8	69.38	3.78
978	95-PR-0978	520500	5341827	-0.3	-0.3	3.1	0.7	-5	63.37	6.57
979	95-PR-0979	521132	5342850	-0.3	-0.3	2.1	2.5	-3	30.33	10
980	95-PR-0980	521085	5342095	-0.3	-0.3	-0.3	1.2	-3	40.46	10
981	95-PR-0981	521004	5341054	-0.3	-0.3	-0.3	1.1	-3	53.94	10
982	95-PR-0982	522871	5342245	-0.3	-0.3	1.9	1.6	-3	41.69	10
983	95-PR-0983	523334	5342715	-0.3	-0.3	1.5	0.9	-3	45.59	9.27
984	95-PR-0984	523691	5342119	-0.3	-0.3	-0.3	1.7	4	55.15	10

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav %	g
				ppb	ppb	ppb	ppb	ppb		
		Detection limit—>		0.3	0.3	0.3	0.3	3		
985	95-PR-0985	523052	5340251	-0.3	-0.3	0.8	1.3	-3	37.53	10
986	95-PR-0986	523203	5338469	-0.3	-0.3	-0.3	-0.3	-3	27.49	10
988	95-PR-0988	526677	5341138	-0.3	-0.3	-0.3	1.6	-3	14.46	10
989	95-PR-0989	526677	5340758	-0.3	-0.3	-0.3	1.3	-3	38.21	10
990	95-PR-0990	528002	5342445	-0.3	-0.3	0.4	1.4	-3	22.21	10
991	95-PR-0991	528535	5343186	-0.3	-0.3	1.9	0.8	-3	40.78	8.67
992	95-PR-0992	523507	5341065	-0.3	-0.3	-0.3	1.7	-3	49.2	10
993	95-PR-0993	529590	5343317	-0.3	-0.3	-0.3	0.5	-3	33.96	10
994	95-PR-0994	529225	5343103	-0.3	-0.3	-0.3	0.4	-3	13.18	10
995	95-PR-0995	529140	5340408	-0.3	-0.3	1.5	1.2	-3	39.18	10
996	95-PR-0996	529932	5341189	-0.3	-0.3	-0.3	1.0	-3	31.79	10
997	95-PR-0997	531392	5342840	-0.3	-0.3	1.6	1.2	4	26.11	10
998	95-PR-0998	531520	5342575	-0.3	-0.3	-0.3	1.2	4	13.37	10
1000	95-PR-1000	531028	5340174	-0.9	-0.9	-0.9	-0.9	-9	55.32	3.18
1001	95-PR-1001	531908	5340855	-0.3	-0.3	1.6	1.2	4	36.33	10
1002	95-PR-1002	532773	5342045	-0.3	-0.3	-0.3	1.2	-3	33.84	10
1006	95-PR-1006	533583	5343366	-0.3	-0.3	-0.3	0.9	-3	27.31	10
1007	95-PR-1007	533893	5342285	-0.3	-0.3	-0.3	1.3	-3	34.03	10
1013	95-PR-1013	536694	5341187	-0.3	-0.3	-0.3	1.0	-3	60.91	10
1100	95-PR-1100	476730	5325745	-0.3	-0.3	-0.3	1.4	-3	29.54	10
1102	95-PR-1102	495544	5320759	-0.3	-0.3	0.5	1.8	-3	64.16	10
1103	95-PR-1103	492990	5324563	-0.3	-0.3	0.4	-0.3	-3	69.55	8.85
1105	95-PR-1105	477832	5339247	-0.3	-0.3	-0.3	1.1	-3	60.3	10
1106	95-PR-1106	497078	5323639	-0.5	-0.5	-0.5	-0.5	-5	61.55	5.91
1107	95-PR-1107	494518	5326948	-0.3	-0.3	-0.3	0.9	-3	48.55	10
1108	95-PR-1108	498523	5320307	-0.3	-0.3	3.5	1.4	-6	56.7	5.31
1109	95-PR-1109	498827	5319050	-1.0	-1.0	-1.0	-1.0	-10	63.42	3.01
1110	95-PR-1110	503298	5338851	-0.3	-0.3	-0.3	0.3	-3	7.89	10
1111	95-PR-1111	502985	5342872	-0.3	-0.3	-0.3	0.4	-3	8.76	10
1112	95-PR-1112	504656	5330751	-0.3	-0.3	-0.3	1.0	-3	23.69	10
1113	95-PR-1113	501153	5326976	-0.3	-0.3	-0.3	1.2	-3	36.96	10
1115	95-PR-1115	507996	5328096	-0.3	-0.3	0.6	-0.6	-6	80.58	5.2
1117	95-PR-1117	508497	5324510	-0.5	-0.5	-0.5	-0.5	-5	83.04	6.2
1118	95-PR-1118	503486	5324139	-0.3	-0.3	-0.3	1.2	-3	65.55	10
1119	95-PR-1119	503261	5318145	-0.3	-0.3	0.4	1.6	-3	41.41	10
1120	95-PR-1120	504216	5320543	-0.3	-0.3	-0.3	1.0	-3	44.29	10
1121	95-PR-1121	506682	5316096	-0.3	-0.3	-0.3	1.4	-3	37.07	10
1122	95-PR-1122	508977	5316911	-0.3	-0.3	2.0	1.7	-3	60.42	10
1123	95-PR-1123	508163	5322233	-0.3	-0.3	-0.3	1.8	-3	78.93	10
1125	95-PR-1125	515380	5334419	-0.5	-0.5	-0.5	-0.5	-5	71.39	6.03
1126	95-PR-1126	513970	5335927	-0.3	-0.3	-0.3	0.9	-3	16.06	10
1128	95-PR-1128	514553	5326664	-0.3	-0.3	-0.3	-0.3	-3	45.63	8.93
1129	95-PR-1129	516244	5327067	-1.0	-1.0	-1.0	-1.0	-10	86.42	3
1130	95-PR-1130	517840	5321210	-0.4	-0.4	-0.4	-0.4	-4	51.41	7.69
1132	95-PR-1132	516152	5319114	-0.5	-0.5	-0.5	-0.5	-5	49.57	5.46
1133	95-PR-1133	518267	5318516	-0.5	-0.5	-0.5	-0.5	-5	63.65	6.66

Site#	Sample#	Easting	Northing	Rh	Ir	Pd	Pt	Au	LOI	Weight
		NAD 27, UTM Zone 17		Fire Assay/ICP-MS					Grav %	g
		Detection limit---->		ppb	ppb	ppb	ppb	ppb		
				0.3	0.3	0.3	0.3	3		
1134	95-PR-1134	520498	5322276	-0.3	-0.3	1.0	-0.5	-5	66.77	5.8
1135	95-PR-1135	521047	5321182	-0.9	-0.9	-0.9	-0.9	-9	90.4	3.27
1136	95-PR-1136	522581	5317425	-0.4	-0.4	-0.4	0.7	-4	56.84	6.71
1139	95-PR-1139	517279	5316963	-0.3	-0.3	-0.3	1.0	-3	29.11	10
1140	95-PR-1140	511123	5318322	-1.0	-1.0	-1.0	-1.0	-10	83.86	3.04
1141	95-PR-1141	511848	5319334	-0.7	-0.7	-0.7	-0.7	-7	75.49	4.26
1142	95-PR-1142	512326	5319633	-0.9	-0.9	-0.9	-0.9	-9	87.28	3.25
1143	95-PR-1143	515418	5318327	-0.5	-0.5	-0.5	-0.5	-5	80.87	6.42
1144	95-PR-1144	511735	5321965	-0.6	-0.6	-0.6	-0.6	-6	82.26	5.01
1145	95-PR-1145	529438	5317087	-0.3	-0.3	-0.3	1.2	-3	39.82	10
1146	95-PR-1146	530270	5318485	-0.3	-0.3	-0.3	0.9	-3	48.1	10
1147	95-PR-1147	529356	5325902	-0.3	-0.3	-0.3	0.6	-3	50.16	9.45
1148	95-PR-1148	526966	5325348	-0.3	-0.3	-0.3	1.3	-3	35.76	10
1149	95-PR-1149	525272	5326135	-0.3	-0.3	-0.3	1.3	-3	50.65	10
1150	95-PR-1150	523853	5326380	-0.7	-0.7	-0.7	-0.7	-7	66.04	4.27
1151	95-PR-1151	522173	5327371	-0.5	-0.5	-0.5	0.5	-5	65.73	6.64
1152	95-PR-1152	522144	5331891	-0.3	-0.3	-0.3	-0.3	-3	37.12	8.93
1153	95-PR-1153	520360	5331558	-0.3	-0.3	-0.3	1.1	-3	36.42	10
1154	95-PR-1154	524521	5334330	-0.3	-0.3	1.5	1.5	-3	48.14	10
1156	95-PR-1156	531760	5330002	-0.3	-0.3	1.6	1.2	-3	26.46	10
1157	95-PR-1157	535184	5330636	-0.3	-0.3	0.9	1.0	-3	66.56	10
1158	95-PR-1158	529159	5333137	-0.3	-0.3	0.7	1.0	-3	57.73	10
1159	95-PR-1159	535727	5332114	-0.9	-0.9	-0.9	-0.9	-9	81.03	3.27
1160	95-PR-1160	530329	5336598	-1.0	-1.0	-1.0	-1.0	-10	86.05	2.98
1162	95-PR-1162	527808	5343593	-0.3	-0.3	2.5	1.5	-3	66.3	10
1166	95-PR-1166	474989	5342160	-0.3	-0.3	2.6	1.5	-3	21.85	10
1167	95-PR-1167	466173	5342735	-1.0	-1.0	-1.0	-1.0	-10	64.79	3
1168	95-PR-1168	465176	5326502	-0.5	-0.5	-0.5	-0.5	-5	62.01	6.28
1169	95-PR-1169	465160	5343878	-0.4	-0.4	-0.4	-0.4	-4	50.71	6.94
1170	95-PR-1170	473837	5334702	-0.3	-0.3	1.5	1.1	-3	48.73	10
1171	95-PR-1171	471396	5327769	-0.3	-0.3	1.8	1.2	-3	67.35	10
1172	95-PR-1172	467614	5322741	-0.3	-0.3	1.7	1.3	-3	53.59	10
1173	95-PR-1173	475996	5327293	-0.3	-0.3	-0.3	0.4	-3	68.86	8.84
1174	95-PR-1174	482301	5327963	-0.3	-0.3	1.2	0.7	-3	63.13	9.65
1175	95-PR-1175	491441	5324480	-0.3	-0.3	1.4	1.0	-3	64.77	10
1176	95-PR-1176	494536	5325380	-0.5	-0.5	-0.5	-0.5	-5	74.97	6.58
1177	95-PR-1177	496648	5327587	-0.3	-0.3	2.3	1.4	-3	48.29	10
1178	95-PR-1178	495928	5330318	-0.3	-0.3	1.6	1.5	-3	43.15	10

Metric Conversion Table

Conversion from SI to Imperial			Conversion from Imperial to SI		
SI Unit	Multiplied by	Gives	Imperial Unit	Multiplied by	Gives
LENGTH					
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
AREA					
1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
VOLUME					
1 cm ³	0.061 023	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.307 951	cubic yards	1 cubic yard	0.764 554 86	m ³
CAPACITY					
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
MASS					
1 g	0.035 273 962	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 747	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 622 6	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311 3	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 90	t
CONCENTRATION					
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

	Multiplied by	
1 ounce (troy) per ton (short)	31.103 477	grams per ton (short)
1 gram per ton (short)	0.032 151	ounces (troy) per ton (short)
1 ounce (troy) per ton (short)	20.0	pennyweights per ton (short)
1 pennyweight per ton (short)	0.05	ounces (troy) per ton (short)

Note: Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries, published by the Mining Association of Canada in co-operation with the Coal Association of Canada.

462882 m E

5343990 m N

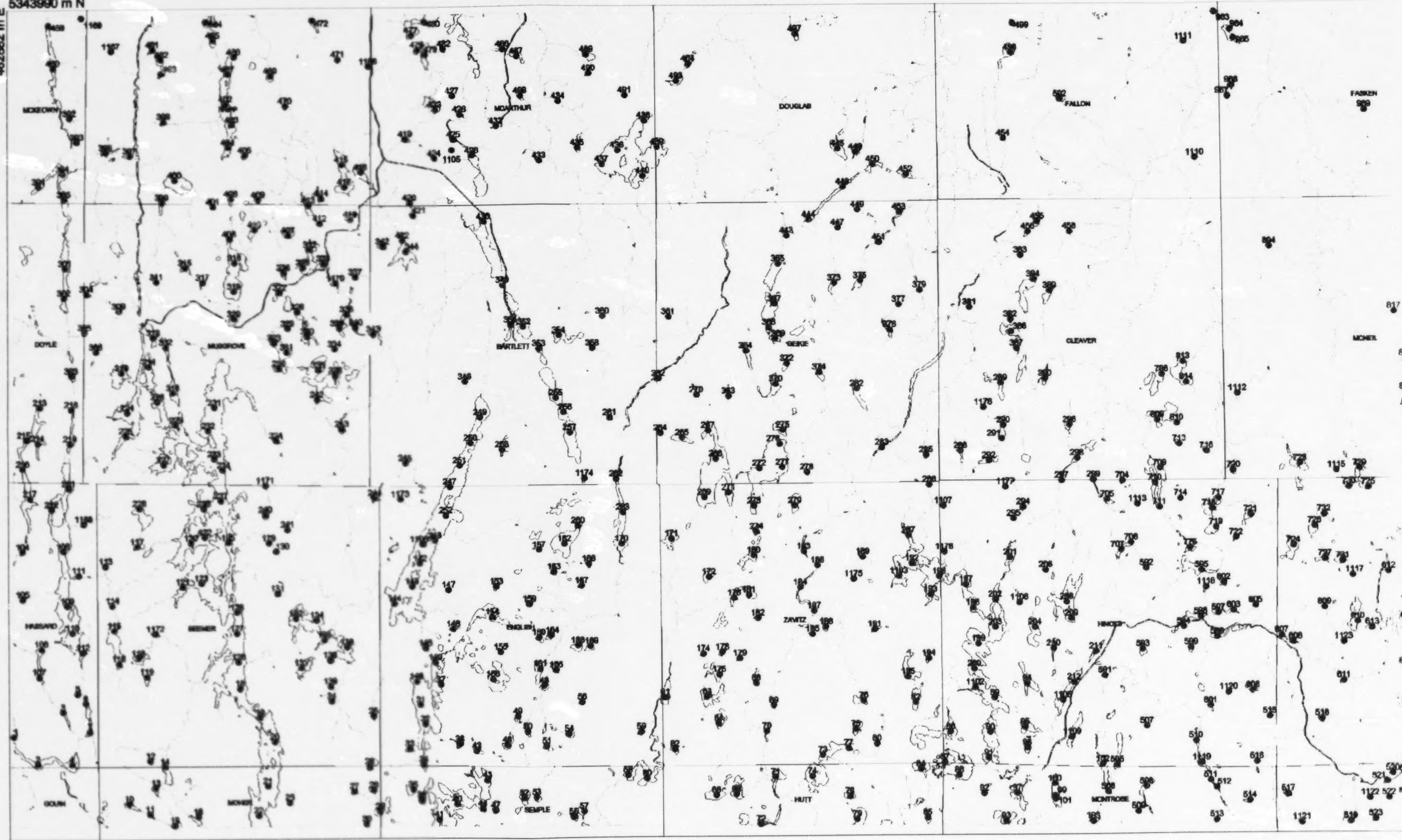
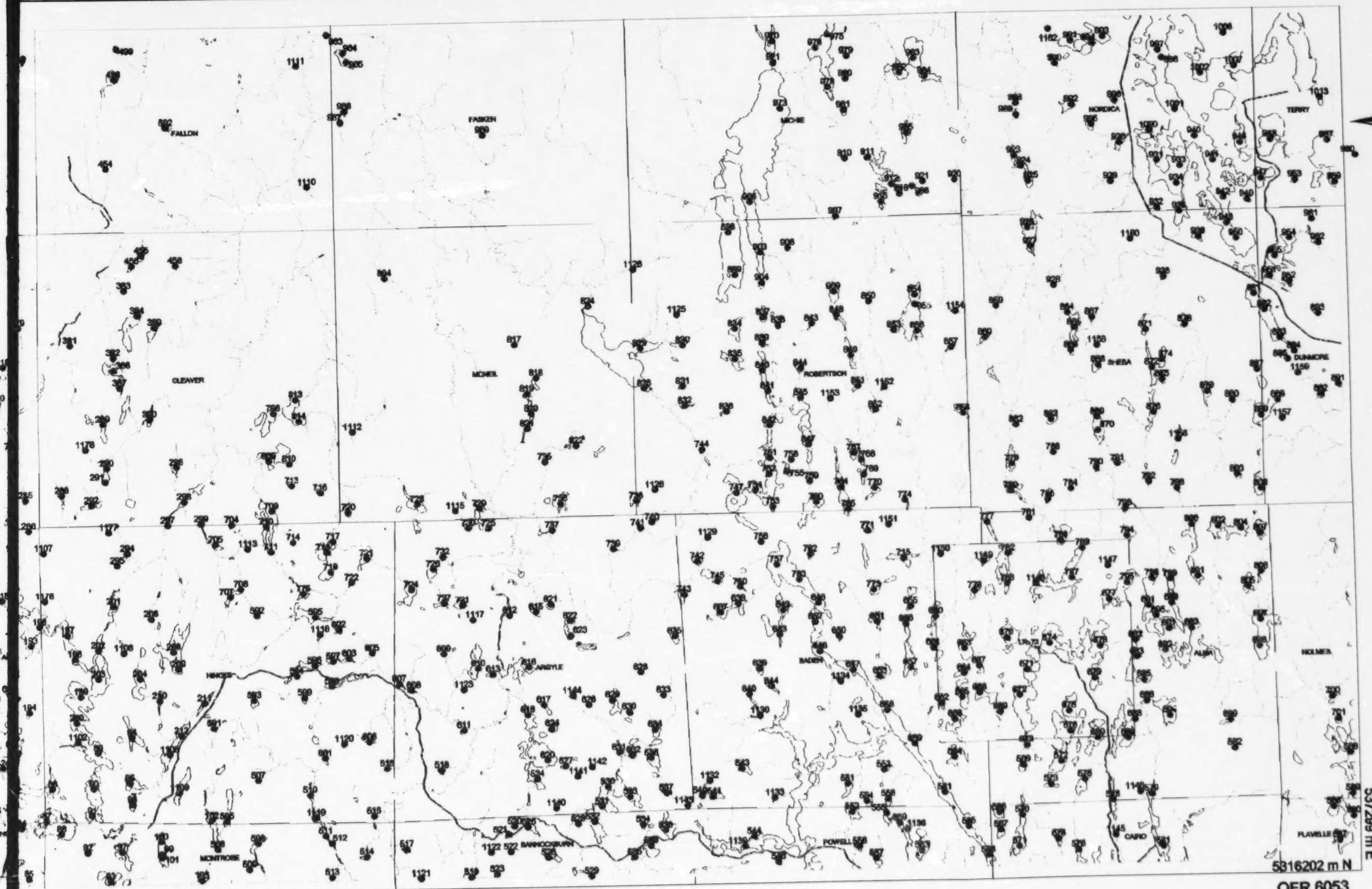


Figure 6: Sample location map, Peterlong Lake-Radisson Lake study area

5 0 5 10 Kilometers



537289 m E

5316202 m N

OFR 6053

0 5 10 Kilometers